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1858.

THORBURN'S

Annual Descriptive Catalogue
of
FLOWER SEEDS,

WITH PRACTICAL DIRECTIONS FOR THEIR

Culture and Treatment.

FLOWER SEEDS, from their compactness and light weight, can be safely transported by mail to any part of the United States, with punctuality and expedition.

Orders by mail promptly attended to, and Catalogues forwarded, free of charge, to applicants.

JAMES M. THORBURN & CO.,
15 John Street,
NEW-YORK.

Small amounts may be remitted in Postage Stamps.

NEW-YORK:
GEORGE SIBELL, PRINTER AND STATIONER,
NO. 20 WALL STREET, CORNER NASSAU.
1858.

Aut cat
A. B.

Collections of Flower Seeds.

Considerable experience in selecting enables us to make up collections which are invariably satisfactory to purchasers, and our unusually full assortment the present season, embracing every desirable novelty and standard sort, either raised here, or imported from the most reliable Floral Seed Growers in Europe, insures assortments of the rarer sorts and finest qualities, all of the growth of the past season, and *true to name*.

COLLECTIONS OF

100 Varieties of Annual, Biennial and Perennials, for	\$4.00
50 " " do. do. do. do. "	2.00
25 " " Annuals "	1.00
10 " " do. "	50
20 " " New and Rare Annuals "	2.00
20 " " Choice Green House Seeds "	2.50
40 " " do. do. do. "	5.00
20 " " American Seeds for European Culture.....	2.00

ALSO:

Choice Assortments for Rockwork.....	\$1.00
do. do. of Aquatics	6.00
do. do. " Ornamental Grasses.....	1.00
do. do. " Imported German Asters and Stocks from 75 to	\$1.50

OUR OWN SELECTION.

We are aware that Flower Seeds are occasionally sold at lower rates than we charge, but, on examination, it will be found that such are either of poor quality, very ordinary sorts, or put up in very minute quantities. We are sure that articles every way reliable cannot be afforded at less than our prices.

BULBS AND ROOTS, FOR SPRING PLANTING.

Amaryllis formosissima.. <i>Jacobeans Lilies</i>	20 cents each, \$1.50 per doz.
Lutea.. <i>Yellow Amaryllis</i>	25 " 2.50 "
Gladiolus psittacinus.. <i>Orange Sword Lily</i>	05 " 50 "
floribundus.. <i>White and Pink</i> do.....	20 " 2.00 "
gandavensis.. <i>Scarlet and Orange</i> do.....	10 " 1.00 "
_____ 10 <i>Fine Named</i> do.....	25 " 3.00 "
ramosus.. <i>Mixed Branching</i> do.....	20 " 2.00 "
_____ 10 <i>Fine Named</i> do.....	30 " 3.00 "
Tigridia pavonia.. <i>Red Mexican Tiger Flowers</i> . 10	" 1.00 "
conchiflora.. <i>Yellow</i> do (large) 25	" 2.00 "
Tuberoses.. <i>Best Double</i>	10 " 1.00 "
Dahlias.. Over 200 Beautiful Varieties	" from 3.00 to \$10
Dielytra spectabilis.. <i>Strong Roots</i>	25 " 2.50 "
Bravoa geminiflora (g. h.).. <i>Twin-flowered</i>	75 " "
Cyrtanthus obliquus (g. h.).. <i>Oblique</i>	1.50 " "
Tritonia aurea (g. h.).. <i>Golden</i>	1.00 " "
Tropaeolum azureum (g. h.).. <i>Azure</i>	1.50 " "
tricolor (g. h.).. <i>Three-colored</i>	1.00 " "
Achimenes.. 8 <i>Choice Named Sorts</i>	25 to 50 " "
Gesnerias (g. h.).. 3 <i>Beautiful Sorts</i>	50 " "
Gloxinias (g. h.).. 40 <i>Most Rare Varieties</i>	50 to 1.00 " "
Oxalis Dippū.....	20 " 1.50 "

Those marked thus (g. h.) are Green House Bulbs.

Gift

A. P. Soper
Dec. 13, 1940

EXPLANATIONS OF THE CATALOGUE.

The first column gives the *Botanical* or *Scientific* name in Roman characters, the second the *common name* in *Italics*; but for more ready reference it is deemed expedient, (though involving repetition,) occasionally, to transpose the names, always, however, preserving the distinction by the type.

New and choice sorts are printed in **Heavy Faced Type**.

* designates *Climbing Plants*.

... .. in all cases *repetition*.

in vars.. in *varieties*, or colors mixed.

f. pl. .. *flore pleno*, or double flowering.

The third column gives the *Duration and Hardiness*.

A representing *Annual*, lasting but one year.

B .. *Biennial*, .. two years.

P .. *Perennial*, .. three or more years.

But as a large number of the Biennials and Perennials, if sown early, flower the first season, this distinguishing mark † is affixed to such.

h represents *hardy*—plants for open borders.

hh .. half hardy plants that require to be forwarded in pots or frames.

t .. tender—requiring protection.

g .. green-house plants.

The fourth column gives the color abbreviated, thus:

ap.—apetalous	cr.—crimson	li.—lilac	spot.—spotted
az.—azure	d —dark	o.—orange	stra.—straw
b.—blue	div.—diverse	ptd.—painted	strip.—striped
blk.—black	flsh.—flesh	p.—purple	sul.—sulphur
blh.—blush	gn.—green	pk.—pink	v.—violet
br.—brown	gy.—grey	r.—red	va.—variegated
bff.—buff	l.—light	ro.—rose	w.—white
car.—carmine	lem.—lemon	s.—scarlet	y.—yellow

The fifth column gives the comparative height of the plants in feet—*trai.* signifies *trailing*.

The sixth column, price per packet.

THORBURN'S

Catalogue of Flower Seeds.

[Advertisement.]

In preparing their "FLOWER SEED LIST" for the present season, J. M. THORBURN & CO. have made additions to it of all New Seeds that have been recently introduced in Europe, which have proved of sufficient value to deserve the attention of the Floricultural World.

J. M. T. & CO. beg to recommend these newer varieties and the old established favorites (which are distinguished in the body of the Catalogue by being printed in Heavy Faced Type) to the notice of their friends, as being, all of them, most desirable acquisitions to the parterre. For whilst they would be far from rejecting one beautiful family of flowers, merely on account of its being old, at the same time it is both pleasing and instructive, by the introduction into the country of new sorts, to keep up our floricultural taste in accordance with the advancement of Horticultural Science.

	Scientific names in Roman. Common names in <i>Italics</i> . New and choice sorts in Heavy Faced Type .	Hardiness and Duration.	Color of the Flower.	Comparative Height in feet	Price, per Packet.
Abelmoschus moschatus	<i>Musk Okra</i>	gS	y.	3	cts.
Abronia umbellata*	<i>Umbellated Abronia</i>	hhA	ro.	trai.	10
Acacia armata	<i>Armed Acacia</i>	gS	y.	5	10
lophantha	<i>Crest-flowered do.</i>	..	..	6	25
marginata	<i>Marginate-leaved do.</i>	..	..	8	25
speciosa	<i>Showy do.</i>	..	p.	10	25
vestita	<i>Clothed do.</i>	..	y.	6	10
in vars.	<i>Fine mixed do.</i>	..	div.	div.	10
Aconitum napellus	<i>Monkshood</i>	hP	b.	3	5
sinense	<i>Chinese do.</i>	..	div.	div.	5
versicolor	<i>Various colored do.</i>	hB	b & y.	3	5
in vars.	<i>Mixed do.</i>	..	div.	div.	5
Acroclinium roseum	<i>Rose Acroclinium</i>	hhA	y & ro.	1½	25
Adenophora suaveolens	<i>Sweet-scented Adenophora</i>	hP	l. b.	2	10
Adonis aestivalis	<i>Adonis Flower</i>	hA	s.	1	5
Æthionema cordifolium		..	p. & r.		10
<i>African Hibiscus</i>	<i>Hibiscus Africanus</i>	..	y. & b.	1½	5
<i>African Marigold</i>	<i>Tagetes erecta</i>	..	lem.	2	5

Scientific names in Roman.

Common names in *Italics*.New and choice sorts in **Heavy Faced Type**.

			Duration and Hardness.	Color.	Height in feet.	Price.
Agapanthus umbellatus in vars.	<i>Umbel-flowered agapanthus</i> (fine mixed)		div.	div.	cts. 25	
Ageratum conspicuum	<i>New Ageratum</i>	hA			10	
mexicanum	<i>Mexican do.</i>	..	b.	2½	5	
odoratum	<i>Sweet-scented do.</i>	..	l. b.	..	5	
Agrostemma coronaria	<i>Rose Campion</i>	thP	ro.	1	5	
alba	<i>White do.</i>	..	w.	..	5	
rosea alba	<i>Rose & White do.</i>	..	ro&w.	..	5	
Agrostis pulchella	<i>Pretty Bent Grass</i>	hA	ap.	..	10	
tenella	<i>Slender do.</i>	thP	..	..	10	
Aloe ferox	<i>Spiny Aloe</i>	gS	y.	6	25	
Alonsoa grandiflora	<i>Large Alonsoa</i>	thhB	s.	2	10	
incisifolia	<i>Cut-leaved do.</i>	..	..	2	10	
Warscewicsii	<i>Warscewics do.</i>	..	o. & s.	1½	25	
Alstræmeria acutifolia	<i>Alstræmeria</i>	gP	r. & y.	2½	10	
aurantiaca	<i>Orange do.</i>	..	o.	2½	10	
aurea	<i>Yellow do.</i>	..	y.	2	25	
hybrida	<i>New Hybrid do.</i>	..	div.	..	25	
pulchella	<i>Pretty do.</i>	..	s.	1½	10	
salsilla	<i>Eatable-rooted</i>	..	gn&cr	2	25	
tricolor	<i>Three-colored do.</i>	..	va.	1	25	
Van Houttii	<i>Van Houttii do.</i>	..	..	2	10	
in vars.	<i>Mixed do.</i>	..	div.	..	10	
Althea rosea nigra	<i>Double Black Hollyhock</i>	thP	blk.	7	5	
— flava	<i>Yellow do.</i>	..	y.	..	5	
in vars.	<i>Mixed do.</i>	..	div.	..	5	
fl. pl. in vars.	<i>Finest Mixed do.</i>	..	..	..	10	
Alyssum maritimum	<i>Sweet Alyssum</i>	hA	w.	½	5	
saxatile	<i>Golden do.</i>	thP	y.	1	5	
verbeckii	<i>Verbeck's do.</i>	..	w. & y	..	5	
Amaranthus caudatus	<i>Love-lies-bleeding</i>	hA	cr.	3	5	
fulvus	<i>Straw-colored do.</i>	..	bff.	..	5	
hypocondriacus	<i>Prince's Feather</i>	..	er.	..	5	
tricolor	<i>Three-colored Amaranthus</i>	tA	va.	2	5	
Amethyst	see Browallia	tgB	div.	div.	10	
Anagallis carnea grandiflora	<i>Great-flowering Anagallis</i>	..	flesh.	½	10	
fruticosa	<i>Shrubby do.</i>	..	s.	1½	10	
lilacea	<i>Lilac do.</i>	..	li.	1	10	
superba	<i>Superb do.</i>	..	r.	1	10	
in vars.	<i>Mixed do.</i>	..	div.	div.	10	
Anastatica hierochuntina	<i>Rose of Jericho</i>	hhA	w.	½	25	
Anchusa arvensis	<i>Bugloss</i>	thP	b.	1½	5	
incarnata	<i>Flesh-colored do.</i>	..	flesh.	..	5	
Anemone coronaria	<i>Wind Flower</i>	..	div.	1	5	
pulsatilla	<i>Pasque Flower</i>	hP	v.	1½	5	
Animated Oats	<i>Avena sensitiva</i>	hA	ap.	2	5	
Anoda Dilleniana	<i>Blue Hibiscus</i>	..	b.	2	5	
Anthericum annum	<i>Annual Anthericum</i>	..	y.	1½	10	
Antirrhinum caryophylloides	<i>Carnation Snapdragon</i>	thP	var.	2	10	
coccineum	<i>Scarlet do.</i>	..	s.	..	5	
flavum	<i>Yellow do.</i>	..	y.	..	5	
purpureum	<i>Purple do.</i>	..	p.	..	5	
variegata	<i>Variegated do.</i>	..	var.	..	5	
in vars.	<i>Mixed do.</i>	..	div.	..	5	
—	<i>Finest Mixed do.</i>	..	..	..	10	
Aquilegia siberica	<i>Siberian Columbine</i>	..	b.	..	5	
vulgaris	<i>Mixed do.</i>	..	div.	..	5	

Scientific names in Roman.

Common names in *Italics*.New and choice sorts in **Heavy Faced Type**.

			Duration and Hardiness.	Color.	Height in feet.	Price.
Aquilegia ——	<i>New sorts</i>	†hP	div.	2	10	
Arctotis breviscapa	<i>Narrow-scaped Arctotis</i>	hhA	o.&br.	1½	10	
Argemone grandiflora	<i>Mexican Poppy</i>	hA	w.	2	5	
Armeria formosa	<i>Beautiful Statice</i>	hP	ro.	1	10	
Aster chinensis coronata	<i>Red Crown Aster</i>	hhA	r.&w.	1	10	
— — — — ceruleus	<i>Violet Crown do.</i>	..	v.&w.	..	10	
— — — — albus	<i>Blue do.</i>	..	b.	1½	5	
— — — — roseus	<i>Blue & White do.</i>	..	b.&w.	..	5	
— — — — albus	<i>Rose do.</i>	..	ro.	..	5	
— — — — Turcicus	<i>White do.</i>	..	w.	..	5	
— — — — in vars.	<i>Turkey do.</i>	..	div.	..	5	
— — — — nanus, in vars.	<i>Mixed Tall do.</i>	..	..	2	5
— — — — fimbriatus	<i>Dwarf Mixed do.</i>	..	..	1½	5
— — — — nanus fl. pl.	<i>Finest Mixed German do.</i>	..	..	1½	10
— — — — globularis	<i>— Dwarf do.</i>	..	..	1½	10
— — — — variegatus	<i>Globe Flowered do.</i>	..	..	1½	10
— — — — paeoniæflorus	<i>Finest Variegated do.</i>	..	..	..	10
— — — — pyramidalis	<i>Paeony flowered do.</i>	..	..	..	10
— — — — incomparabilis	<i>Pyramidal do.</i>	..	..	2	10
— — — — tenellus	<i>Perfection do.</i>	..	..	1½	25
Athanasia annua	<i>Bienial do.</i>	†hB	b.&y.	1½	5	
Atropa physaloides	<i>Annual Athanasia</i>	hA	y.	1	5	
Auricula	<i>Kite Flower</i>	..	p.	..	5	
Avena sensitiva	<i>Primula Auricula</i>	tP	div.	1½	5	
Balloon Vine*	<i>Animated Oats</i>	hA	ap.	2	5	
Balm of Gilead	<i>Cardiospermum halicacabum</i>	tA	w&g.n.	6	5	
Balsam Apple*	<i>Dracocephalum</i>	†hhP	r.&p.	1½	10	
Balsam Pear*	<i>Momordica balsamina</i>	tA	y.	10	5	
Balsamina hortensis, in vars	<i>charantia</i>	..	..	..	5
— fl. pl.	<i>Double Mixed Balsams</i>	hhA	div.	2	5	
— alba	<i>— Paris do.</i>	..	..	..	10
— kermesina	<i>White do.</i>	..	w.	..	10	
— punctata	<i>Crimson do.</i>	..	cr.	..	10	
— purpurea	<i>Spotted do.</i>	..	spot.	..	10	
— rosea	<i>Purple do.</i>	..	p.	..	10	
— coccinea	<i>Rose do.</i>	..	ro.	..	10	
— striata	<i>Scarlet do.</i>	..	s.	..	10	
— camelliæflora in vars	<i>Camellia do.</i>	..	stri.	..	10	
— kermesina	<i>Mixed Camellia do.</i>	..	div.	..	10	
— punctata	<i>Crimson do.</i>	..	cr.	..	10	
— rosea	<i>Spotted do.</i>	..	spot.	..	10	
— violacea	<i>Rose do.</i>	..	ro.	..	10	
— nana	<i>Violet do.</i>	..	v.	..	10	
Baptisia australis	<i>Miniature do.</i>	..	div.	1	10	
Bartonia aurea	<i>Southern Baptisia</i>	hP	b.	2	5	
Batchelor's Buttons	<i>Golden Bartonia</i>	hA	y.	1½	5	
Bee Larkspur	see Gomphrena					
Bell Flower	<i>Delphinium elatum</i>	†hP	b.	3	5	
Bellis perennis pl. in vars.	<i>Fine Double Daisy</i>	..	div.	1½	10	
Betonica hirsuta	<i>Hairy Betony</i>	..	p.	..	10	
Bidens grandiflora	<i>Large flowered Bidens</i>	hA	y.	2	10	
Bignonia radicans grandiflora*	<i>Trumpet Creeper</i>	hP	s.	20	5	
Blitum capitatum	<i>Strawberry Blight</i>	hA	gn.	1	5	
Blue Bottle	see Centaurea					
Blumenbachia insignis	<i>Blumenbachia</i>	hhA	w.	1	10	

Scientific names in Roman.

Common names in *Italics*.New and choice sorts in **Heavy Faced Type**.

		Duration and Hardiness	Color.	Height in feet.	Price.
<i>Brachycome iberidifolia</i>	<i>Brachycome</i>	hhA	b.	1½	10
in vars.	<i>Mixed do.</i>	..	div.	..	10
<i>Briza maxima</i>	<i>Quaking Grass</i>	hA	gn.	..	5
<i>gracilis</i>	<i>Slender do. do.</i>	..	ap.	1	5
<i>Brompton Stock</i>	see <i>Mathiola</i>				
<i>Browalia elata</i>	<i>Amethyst</i>	tA	b.	2	10
— <i>alba</i>	<i>White do.</i>	..	w.	..	10
<i>demissa</i>	<i>Spreading do.</i>	..	b.	1	10
<i>Brunia nodiflora</i>	<i>Knot-flowered Brunia</i>	gS	w.	6	25
<i>Buddleia Lindleyana</i>	<i>Dr. Lindley's Buddleia</i>	..	div.	..	25
<i>Butea frondosa</i>	<i>Splendid Butea</i>	..	s.	20	50
<i>Cacalia coccinea</i>	<i>Tassel Flower</i>	hA	..	1	5
<i>aurantiaca</i>	<i>Orange do.</i>	..	o.	..	5
<i>Cactus</i> , pl. sp. et vars.	<i>Fine Mixed Cactus</i>	gS	div.	2	25
<i>Cajanus flavus</i>	<i>Yellow Cajanus</i>	..	y.	4	10
<i>Calendrinia Burdigii</i>	<i>Burridge's Calandrinia</i>	†hhP	p.	1½	10
<i>discolor</i>	<i>Elegant do.</i>	..	ro.	1½	5
<i>grandiflora</i>	<i>Large-flowering do.</i>	..	p.	..	5
<i>Lindleyana</i>	<i>Lindley's do.</i>	hA	r.	½	5
<i>speciosa</i>	<i>Showy do.</i>	..	p.	..	5
<i>umbellata</i>	<i>Umbel-flowered do.</i>	†hhP	..	..	10
<i>Calceolaria hybrida</i>	<i>Hybrid Calceolaria</i>	†gP	div.	2	25
— <i>nana nova</i>	<i>New Dwarf do.</i>	..	..	1	50
— <i>fruticosa</i>	<i>Shrubby do.</i>	..	..	2	25
— <i>punctata superba</i>	<i>Superb Spotted do.</i>	..	..	..	50
<i>scabiosefolia</i>	<i>Scabious-leaved do.</i>	†hhP	y.	..	10
sp ex. <i>Chili</i>	<i>Chilian do.</i>	..	..	..	10
<i>pinnata</i>	<i>Pinnate do.</i>	hhA	..	..	10
<i>Calampellis scabra*</i>	<i>Eromocarpus</i>	†hhP	o.	6	10
<i>miniata*</i>	<i>Carmine do.</i>	..	car.	..	25
<i>Calendula officinalis</i>	<i>Garden Marigold</i>	hA	..	1	5
<i>pluvialis</i>	<i>Cape do.</i>	..	w.&p.	..	5
<i>Calimeris incisa</i>	<i>Cut-leaved Calimeris</i>	†hP	b.	1½	10
<i>Callichroa platyglossa</i>	<i>Broad-rayed Callichroa</i>	hA	y.	1	5
<i>Calliopsis Atkinsonii</i>	<i>Atkinson's Coreopsis</i>	†hP	y.&br.	2½	5
<i>auriculata</i>	<i>Ear-leaved do.</i>	..	y.	6	5
<i>bicolor marmorata</i>	<i>Marbled do.</i>	hA	r.&y.	1½	5
— <i>nana nova</i>	<i>New Dwarf do.</i>	..	..	..	10
— <i>nigra speciosa</i>	<i>Dark Showy do.</i>	..	..	1½	5
<i>coronata</i>	<i>Crowned do.</i>	..	spot.	..	5
<i>Drumondii</i>	<i>Drummond's do.</i>	..	y & br.	1	5
— <i>major</i>	<i>Large-flowered do.</i>	..	..	..	5
<i>elegans picta</i>	<i>Painted do.</i>	..	..	2	5
<i>filiformis</i>	<i>Cosmidium do.</i>	..	y.	1	5
<i>Campanula carpatica</i>	<i>Carpathian Bell Flower</i>	†hP	b.	¾	10
<i>grandis</i>	<i>Grand do.</i>	..	..	2	10
<i>medium</i>	<i>Canterbury Bells</i>	..	p.	3	5
— <i>alba</i>	<i>White do.</i>	..	w.	..	5
— in vars.	<i>Mixed do.</i>	..	div.	..	5
— fl. pl.	<i>Double Purple do.</i>	..	p.	..	10
— — <i>alba</i>	<i>Double White do.</i>	..	w.	..	10
<i>persicifolia</i>	<i>Peach-leaved do.</i>	..	b.	..	10
<i>pyramidalis</i>	<i>Pyramidal Bell Flower</i>	†hhP	l. b.	4	10
<i>speculum</i>	<i>Venus Looking Glass</i>	hA	b.	¾	5
— <i>alba</i>	<i>White do.</i>	..	w.	..	5
— <i>lilacina</i>	<i>Lilac do.</i>	..	li.	..	5
<i>Campion</i>	see <i>Agrostemma</i>				
<i>Canary Bird Flower*</i>	<i>Tropaeolum peregrinum</i>	hhA	y.	6	5

Scientific names in Roman.

Common names in *Italics*.

New and choice sorts in **Heavy Faced Type**.

		Duration and Hardiness.	Color.	Height in feet.	Price.
<i>Candytuft</i>	see <i>Iberis</i>				
<i>Canterbury Bells</i>	see <i>Campanula</i>				
<i>Caper Tree</i>	<i>Euphorbia lathyrus</i>	hA	gn.	3	5
<i>Cardiospermum halicacabum*</i>	<i>Balloon Vine</i>	tA	ro&gn	6	5
<i>Carnation</i>	see <i>Dianthus</i>				
<i>Carthamus tinctoria</i>	<i>Saffron</i>	hA	o.	2	5
<i>Cardinal Flower</i>	<i>Lobelia cardinalis</i>	thP	s.	2	5
<i>Cassia corymbosa</i>	<i>Bunch-flowered Cassia</i>	gS	y.	5	25
<i>Casuarina sp. eximea</i>	<i>Fine species Casuarina</i>	..	ap.	25	25
<i>Catananche alba</i>	<i>White Catananche</i>	hA	w.	1	5
<i>cærulea</i>	<i>Blue do.</i>	thP	b.	2	5
<i>lutea</i>	<i>Yellow do.</i>	hA	y.	1	5
<i>Catch Fly</i>	see <i>Silene</i>				
<i>Caterpillars</i>	<i>Medicago circinnati</i>	..	pk.	trai	5
<i>Celosia cristata</i>	<i>Mixed Cockscomb</i>	tA	div.	3	5
<i>— nana</i>	<i>Finest Dwarf do.</i>	..	..	1½	5
<i>coccinea</i>	<i>Scarlet do.</i>	..	s.	2	5
<i>lutea</i>	<i>Yellow do.</i>	..	y.	..	5
<i>Celsia cretica</i>	<i>Cretian Celsia</i>	thB	y.	3	5
<i>Cenia turbinata</i>	<i>Turbinated Cenia</i>	hA	w.	1	10
<i>— formosa</i>	<i>Beautiful do.</i>	..	y.	1	10
<i>Centauridium Drummondii</i>	<i>Drummond's Centauridium</i>	..	p.	1½	10
<i>Centaurea americana</i>	<i>American Centaurea</i>	..	r.	2	5
<i>cyanus major</i>	<i>Great Blue Bottle</i>	..	div.	..	5
<i>— minor</i>	<i>Small do.</i>	..	..	..	5
<i>depressa</i>	<i>Dwarf Centaurea</i>	..	b.	1	5
<i>— rosea</i>	<i>New Rose do.</i>	..	ro.	..	10
<i>moschata</i>	<i>Purple Sweet Sultan</i>	..	p.	2	5
<i>— alba</i>	<i>White do.</i>	..	w.	..	5
<i>suaveolens</i>	<i>Yellow do.</i>	..	y.	1½	5
<i>Centranthus macrosiphon</i>	<i>Long Tubed Centranthus</i>	..	r.	1	5
<i>— nanus</i>	<i>Dwarf do.</i>	..	ro.	1	10
<i>— — albus</i>	<i>White Dwarf do.</i>	..	w.	..	10
<i>Cephalaria tartarica</i>	<i>Tartarian Cephalaria</i>	hB	li. y.	6	10
<i>Cheiranthus Cheiri</i>	<i>Bloody Wall-flower</i>	tP	br.	1	5
<i>— in vars.</i>	<i>Fine Mixed do.</i>	..	div.	1	5
<i>— fl. pl.</i>	<i>Finest German Double do.</i>	..	..	..	10
<i>— —</i>	<i>Fine German, new sorts do.</i>	..	..	..	25
<i>Chelone barbata</i>	<i>Bearded Penstemon</i>	thP	s.	2	10
<i>gentianoides</i>	<i>Gentian do.</i>	..	r.	..	10
<i>— alba</i>	<i>White do.</i>	..	w.	..	25
<i>coccinea</i>	<i>Scarlet do.</i>	..	s.	..	10
<i>— elegans</i>	<i>Elegant do.</i>	..	ro.	..	10
<i>obliqua</i>	<i>Oblique-flowered Chelone</i>	gP	p.	..	10
<i>Chænostoma fastigiatum</i>	<i>Bunch-flowered Chænostoma</i>	hhA	ro.	4	10
<i>Chili Marigold</i>	<i>Tagetes lucida</i>	tgP	y.	1	5
<i>China Pink</i>	see <i>Dianthus</i>				
<i>Chorozema chandleri</i>	<i>Chandler's Chorozema</i>	gS		2	25
<i>varium</i>	<i>Elegant do.</i>	..	o.	2	25
<i>Chrysanthemum album</i>	<i>White Chrysanthemum</i>	hA	w.	3	..
<i>coronarium</i>	<i>Yellow do.</i>	..	y.	..	5
<i>tricolorum</i>	<i>Three-colored do.</i>	..	3 col.	1	5
<i>in vars.</i>	<i>Mixed Annual do.</i>	..	div.	3	5
<i>indicum</i>	<i>Indian do.</i>	gP	..	3	10
<i>Chrysurus cynosuroides</i>	<i>Cynosurus-like Chrysurus</i>	hA	ap.	4	5

Scientific names in Roman.

Common names in *Italics*.New and choice sorts in **Heavy Faced Type**.

		Duration and Hardiness	Color.	Height in feet.	Price.
Cineraria hybrida in vars	<i>Hybrid Cineraria</i>	†gS	div.	2	cts.
— nana	<i>Hybrid Dwarf do.</i>	..	..	1	25
Citrus myrtifolius	<i>Myrtle-leaved Citrus</i>	gS	ro.	5-7	25
Citrus alpinus	<i>Scotch Laburnum</i>	hP	y.	10	5
laburnum	<i>English do.</i>	..	..	..	5
scoparius	<i>Scotch Broom</i>	..	..	3	5
Cladanthus arabicus	<i>Eastern Cladanthus</i>	hA	..	..	5
Clarkia elegans	<i>Elegant Clarkia</i>	..	li.	1½	5
— rosea fl. pl.	<i>Double Rose</i> do.	..	ro.	..	5
nerifolia	<i>Oleander-leaved</i> do.	..	..	..	5
pulchella	<i>Pretty</i> do.	..	..	1	5
— alba	<i>Pretty White</i> do.	..	w.	..	5
— fimbriata	<i>Pretty Fringed</i> do.	..	..	..	5
— grandiflora	<i>Large-flowered</i> do.	..	ro.	..	5
— marginata	<i>Margined</i> do.	..	ro.&w.	1½	25
in vars	<i>Mixed</i> do.	..	div.	div.	5
Clary Purple	<i>Salvia hominum</i>	..	p.	1	5
— red	— <i>rubra</i>	..	r.	..	5
Clematis flammula*	<i>Sweet-scented Virgin's Bower</i>	hP	w.	15	5
vitalba*	<i>Traveller's Joy</i>	..	..	..	5
Cleome Trachysperma	<i>Rough-seeded Cleome</i>	hA	..	2	10
Clianthus puniscens	<i>Eastern Clianthus</i>	gS	cr.	6	25
Clintonia elegans	<i>Elegant Clintonia</i>	tA	b.	†	10
pulchella	<i>Pretty</i> do.	..	3 col.	..	10
— alba	<i>White</i> do.	..	w.	..	10
Clitoria Ternatea	<i>Sky-blue Clitoria</i>	gS	b.	4	25
Cobea scandens*	<i>Climbing Cobea</i>	tP	p.	20	10
Cockscomb	see <i>Celosia</i>				
Codonopsis lurida	<i>Clear Codonopsis</i>	hA	gr.&p.	3	10
Coix lachryma Jobii	<i>Job's Tears</i>	..	b.	2	5
Collinsia atrorubens	<i>Dark Red Collinsia</i>	..	r.	1½	5
bartsæfolia	<i>Bartsia-leaved</i> do.	..	p.	1½	5
bicolor	<i>Two-colored</i> do.	..	pk.&w	1	5
— alba	<i>New White</i> do.	..	w.	1½	10
— heterophylla	<i>Various-leaved</i> do.	..	pk.&w	..	5
grandiflora	<i>Large-flowered</i> do.	..	..	1	5
multicolor	<i>Many-colored</i> do.	..	div.	..	5
— marmorata	<i>New Marbled</i> do.	..	w.&ro	..	10
Collomia coccinea	<i>Scarlet Collomia</i>	..	s.	..	5
grandiflora	<i>Great-flowering</i> do.	..	bff.	..	5
Columbine	see <i>Aquilegia</i>				
Commelinæ cœlestis	<i>Blue Commelinæ</i>	†hhP	b.	1½	5
— alba	<i>White</i> do.	..	w.	..	5
— variegata	<i>Variegated</i> do.	..	var.	..	10
Convolvulus major*	<i>Mixed Morning Glory</i>	hA	div.	10	5
minor	<i>Dwarf Convolvulus</i>	..	3 col.	trai.	5
— alba	<i>White</i> do.	..	w.	..	5
— <i>atropurpureus</i>	<i>Dark Purple</i> do.	..	d. p.	..	5
Coral Plant*	see <i>Erythrina</i>				
Coreopsis	see <i>Calliopsis</i>				
Corydalis glauca	<i>Yellow Corydalis</i>	hB	v.	1	10
Cosmos fimbriatus	<i>Fringed Cosmanthus</i>	hhA	b.&w.	¾	5
Cosmea bipinnata	<i>Bipinnate Cosmea</i>	..	p.	2	5
Cotton	<i>Gossypium herbaceum</i>	tA	w.	3	5
Cotula aurea	<i>Golden Cotula</i>	hA	y.	1½	10
Cowslip	<i>Primula veris</i>	†hhP	div.	¾	5
Crepis barbata	<i>Golden Hawkweed</i>	hA	y.	2	5
rubra	<i>Red</i> do.	..	r.	..	5

Scientific names in Roman. Common names in <i>Italics</i> . New and choice sorts in Heavy Faced Type .	Duration and Hardiness.	Color.	Height in feet.	Price.
<i>Crotalaria turgida</i>	<i>Turgid Crotalaria</i>	gS	y.	3 cts.
<i>Cucumis flexuosa*</i>	<i>Snake Melon</i>	tA	..	5
odoratissimus*	<i>Pomegranate do.</i>	..	..	5
<i>Cucurbita aurantia*</i>	<i>Mock Orange</i>	..	..	5
clave <i>Herculis*</i>	<i>Hercules Club</i>	..	..	5
lagenaria*	<i>Bottle Gourd</i>	..	..	5
<i>Cuphea platycarpa</i>	<i>Broad-leaved Cuphea</i>	tgP	s. & w.	2 10
procumbens	<i>Trailing do.</i>	hhA	p.	½ 5
strigillosa	<i>Strigillose do.</i>	tgP	s. & y.	1 10
<i>Cyclodium sp. nova</i>	<i>New species Cyclodium</i>	gS		25
<i>Cynoglossum longiflorum</i>	<i>Long-flowered Cy.</i>	hP	p. & r.	.. 10
<i>Cypress Vine</i>	see <i>Ipomea quamoclit</i>			
<i>Dahlia repens</i>	<i>Creeping Dahlia</i>	thhP	p.	1 10
superflua	<i>Fine Mixed Double Dahlia</i>	..	div.	4 10
<i>Datura fastuosa</i>	<i>Proud Datura</i>	hhA	p.	3 10
— <i>alba</i>	<i>White do.</i>	..	w.	.. 10
<i>Metel</i>	<i>Metel do.</i>	hA	..	2 10
Metelloides	<i>New do. do.</i>	..	w. & b.	25
<i>Daubentonnia Tripetiana</i>	<i>Tripet's Daubentonnia</i>	gS	s. & o.	3 25
<i>Delphinium ajacis roseum</i>	<i>Rose Rocket Larkspur</i>	hA	ro.	2 5
— pl. vars.	<i>Double Dwarf Rocket do.</i>	..	div.	1 5
cardiopetalum	<i>Heart-Petaled do.</i>	..	b.	.. 10
<i>chinense</i> in vars.	<i>Mixed Chinese do.</i>	thP	div.	2 5
<i>consolida</i>	<i>Branching do.</i>	hA	..	3 5
<i>elatum</i>	<i>Bee do.</i>	thP	b.	.. 5
formosum	<i>Beautiful do.</i>	..	b. & w.	.. 25
<i>grandiflorum</i>	<i>Large-flowered do.</i>	..	b.	2 5
<i>Dew Plant</i>	see <i>Mesembryanthemum</i>			
<i>Dianthus atrorubens</i>	<i>Dark Red Pink</i>	..	r.	1 5
— <i>violaceus</i>	<i>Violet do.</i>	..	v.	.. 5
<i>barbatus</i>	<i>Sweet William</i>	..	div.	.. 5
— fl. pl.	<i>Fine Double do.</i>	..	..	10
Kernesinus	<i>New Crimson do.</i>	..	cr.	.. 10
<i>caryophyllus</i>	<i>Mixed Carnation</i>	thhP	div.	2 5
— fl. pl.	<i>Finest Double do.</i>	..	..	25
albo punctatus	<i>Splendid White Picotee</i>	..	w.	.. 50
luteo punctatus	<i>Splendid Yellow do.</i>	..	y.	.. 50
— in vars.	<i>Mixed do.</i>	..	div.	.. 10
—	<i>Extra Fine do.</i>	..	..	.. 50
— <i>bicolor</i>	<i>Fine Flake Carnation</i>	..	..	.. 50
— <i>variegatus</i>	<i>Fine Bizarre do.</i>	..	..	.. 50
<i>chinensis</i> pl. var.	<i>Mixed China Pink</i>	thB	..	.. 5
— <i>albus plenus</i>	<i>Double White do.</i>	..	w.	.. 10
— <i>imperialis</i>	<i>Imperial do.</i>	..	div.	.. 5
— <i>latifolius</i>	<i>Broad-leaved do.</i>	..	..	.. 5
— <i>nanus</i>	<i>Very Dwarf do.</i>	..	cop.	.. 25
— <i>striatus</i>	<i>Five Striped do.</i>	..	stri.	.. 10
<i>deltoides</i>	<i>Maiden Pink</i>	thP	fish.	.. 5
<i>fimbriatus</i>	<i>Fringed do.</i>	..	div.	.. 10
Gardneri	<i>Gardner's do.</i>	..	..	.. 25
<i>hispanicus</i>	<i>Spanish do.</i>	..	..	.. 5
<i>Japonicus</i>	<i>Japanese do.</i>	..	r.	.. 5
<i>moschatus</i>	<i>Sweet Garden do.</i>	..	div.	.. 5
— fl. pl.	<i>Double do. do.</i>	..	..	.. 10
<i>plumarius</i> fl. pl.	<i>Pheasant Eye do.</i>	..	..	.. 5
<i>prolifera</i>	<i>Profuse-flowering do.</i>	hA	..	1 5
<i>scoticus</i>	<i>Scotch do.</i>	thP	..	.. 10
<i>superbus</i>	<i>Superb do.</i>	..	li.	.. 10

Scientific names in Roman.

Common names in *Italics*.New and choice sorts in **Heavy Faced Type**.

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Dianthus hybridus	<i>Hybrid Pink</i>	hP	div.	1	10	cts.
Dictamnus fraxinella	<i>Gas Plant</i>	..	w.	2	5	
rubra	<i>Red do.</i>	..	r.	..	5	
in vars.	<i>Mixed do.</i>	..	div.	..	5	
Didiscus caerulea	<i>Blue Didiscus</i>	hhA	b.	..	5	
Digitalis aurea	<i>Golden Fox Glove</i>	thP	y.	1½	5	
grandiflora	<i>Yellow do.</i>	..	..	..	5	
pupurea	<i>Purple do.</i>	..	p.	3	5	
alba	<i>White do.</i>	..	w.	..	5	
punctata	<i>Spotted do.</i>	..	spot.	..	5	
rosea	<i>Rose do.</i>	..	ro	..	5	
in vars.	<i>Mixed do.</i>	..	div.	..	5	
Diosma alba	<i>White Diosma</i>	gS	w.	2½	25	
Dodecatheon Meadia	<i>Meadia Dodecatheon</i>	thhP	div.	1	25	
Dolichos lablab*	<i>Hyacinth Beans</i>	hA	p.	6	5	
— alba*	<i>White do.</i>	..	w.	..	5	
in vars.*	<i>Mixed do.</i>	..	div.	..	5	
nana	<i>Dwarf do.</i>	..	w.	3	5	
Dracocephalum canariense	<i>Balm of Gilead</i>	thhP	r.&p.	1½	10	
Drummond's Phlox	see Phlox Drummondii				5	
Echinops bannaticus	<i>Globe Thistle</i>	thP	ro.	3	5	
Ritro	<i>Blue do.</i>	..	b.	..	5	
Echium salmanticum	<i>Viper's Bugloss</i>	..	pk.	1	5	
Elychrysum bracteatum	<i>Yellow Eternal Flower</i>	hA	y.	..	5	
album	<i>White do.</i>	..	w.	..	5	
macranthum	<i>Large-flowering do.</i>	..	pk.	..	5	
Elsholtzia cristata	<i>Crested Elsholtzia</i>	..	..	..	5	
Elymus hystrix	<i>Ornamental Grass</i>	thP	ap.	2	5	
Epacris hybrida superba	<i>Splendid Hybrid Epacris</i>	gS	div.	div.	50	
Eragrostis elegans	<i>Love Grass</i>	hA	ap.	..	5	
namaguensis	<i>New do.</i>	..	..	..	10	
Erica pl. in vars.	<i>Fine Mixed Heath</i>	gP	div.	..	25	
Erinus alpinus	<i>Alpine Erinus</i>	thhP	b.	4	25	
Erysimum Peroffskyanum	<i>Hedge Mustard</i>	hA	o.	1	5	
barbarea variegata	<i>Variegated do.</i>	hP	y.	1½	5	
Erythrina Crista Galli*	<i>Coral Plant</i>	tP	s.	10	25	
caffra	<i>Caffrarian do.</i>	gS	..	6	25	
Eschscholtzia Californica	<i>Californian Eschscholtzia</i>	thP	y.	1	5	
compacta	<i>Compact do.</i>	..	y. & o.	..	10	
crocea	<i>Orange do.</i>	..	o.	..	5	
— alba	<i>White do.</i>	..	w.	..	5	
tentifolia	<i>Slender-leaved do.</i>	..	y.	½	10	
<i>Eternal Flower</i>	see Elycrisum					
Ethulia corymbosa	<i>Bunch-flowered Ethulia</i>	hhA	p.	1½	10	
Euchardium concinnum	<i>Neat Euchardium</i>	hA	ro.	½	5	
grandiflorum	<i>Great-flowered do.</i>	..	..	..	5	
Eucnide bartonioides	<i>Bartonia-like Eucnide</i>	hhA	y.	1	10	
Euphorbia lathyrus	<i>Caper Tree</i>	hA	gn.	3	5	
variegata	<i>Variegated Euphorbia</i>	..	w&gn.	2	5	
Euphrasia linifolia	<i>Flax-leaved Euphrasia</i>	..	p.	1	10	
Eutoca multiflora	<i>Many-flowered Eutoca</i>	..	lav.	..	5	
viscida	<i>Viscid do.</i>	..	b.	..	5	
wrangleiana	<i>Dr. Wrangle's do.</i>	..	li.	..	5	
<i>Evening Primrose</i>	see Enothera					
<i>Feather Grass</i>	<i>Stipa pinnata</i>					
<i>Fœdia cornucopiae</i>	<i>Horn of Plenty</i>	..	ap.	1	5	
<i>Forget-me-not</i>	see Myosotis					
<i>Fox Glove</i>	see Digitalts					

Scientific names in Roman.

Common names in *Italics*.New and choice sorts in **Heavy Faced Type**.

		Duration and Hardiness,	Color,	Height in feet.	Price.
<i>Four o'clocks</i>	see <i>Mirabilis</i>				cts.
<i>Fraxinella</i>	see <i>Dictamnus</i>				
<i>French Marigold</i>	<i>Tagetes patula</i>	hhA	br.	1	5
<i>Fuchsia</i> pl. in vars.	<i>Splendid Mixed Fuchsia</i>	gP	div.	div.	25
<i>Funaria spicata</i>	<i>Fune Wort</i>	hA	flesh.	1½	5
<i>Funkia Sieboldiana</i>	<i>Siebold's Funkia</i>	hP	li.	1	25
<i>Gaillardia picta</i>	<i>Painted Gaillardia</i>	hhP	cr.&y.	2	10
— <i>coccinea</i>	<i>Scarlet</i> do.	..	s.	..	10
— <i>Josephus</i>	<i>Josephus</i> do.	..	o.	1½	10
— <i>nana</i>	<i>Dwarf</i> do.	..	cr.&y.	1	10
— <i>splendidissima</i>	<i>Most Splendid</i> do.	..	s.&y.	1½	10
— <i>pulchella</i>	<i>Pretty</i> do.	thP	y.&r.	..	10
Richardsoni in vars.	<i>Richardson's</i> do.	..	o.	..	10
<i>Gallega orientalis</i>	<i>Mixed</i> do.	..	div.	..	10
persica	<i>Oriental Galega</i>	hP	b.	4	10
<i>Gardenia Thunbergii</i>	<i>Thunberg's Gardenia</i>	gS	..	6	25
<i>Gaura Lindheimeria</i>	<i>New Gaura</i>	hhA	w.&r.	3	10
<i>Gazania unifloræ</i>	<i>Single Gazania</i>	gP	y.	1	10
<i>Geranium</i>	see <i>Pelargonium</i>				
<i>Geum coccineum</i> fl. pl.	<i>Double Scarlet Geum</i>	hP	s.	1½	10
<i>Gilia achillæfolia</i>	<i>Milfoil Gilia</i>	hA	b.	2	5
capitata	<i>Azule Blue</i> do.	..	b.&w.	1	5
— <i>alba</i>	<i>White</i> do.	..	w.	..	5
nivalis	<i>Snow White</i> do.	..	..	..	5
tricolor	<i>Three Col'd</i> do.	..	3 col.	..	5
albo cœrulea	<i>White & Blue</i> do.	..	w. & b.	..	5
rosea splendens	<i>Splendid</i> do.	..	ro.	..	5
<i>Globe Amaranthus</i>	see <i>Gomphrena</i>				
<i>Globe Thistle</i>	<i>Echinops sphaerocephalus</i>	hP	r.	2	5
<i>Gloxinia</i> pl. fl. in vars	<i>Finest Mixed Gloxinia</i>	gP	div.	1	25
<i>Godetia</i>	see <i>Ceuthora</i>				
<i>Gomphrena globosa</i>	<i>Globe Amaranthus</i>	hA	p.	..	5
— <i>alba</i>	<i>White</i> do.	..	w.	..	5
in vars.	<i>Fine Mixed</i> do.	..	div.	..	5
sp. <i>superba</i>	<i>Orange Globe</i> do.	hhA	o.&y.	3	5
<i>Gossypium herbaceum</i>	<i>Cotton</i>	tA	w.	..	5
<i>Gourds*</i>	see <i>Cucurbita</i>				
<i>Grammanthes gentianoides</i>	<i>Gentian-like Grammanthes</i>	hhA	s.	½	25
<i>Gymnopsis uniserialis</i>	<i>Single-serialized Gymnopsis</i>	gS	y.	3	25
<i>Gypsophila elegans</i>	<i>Elegant Gypsophila</i>	hA	w.&p.	1	10
<i>Hawkweed</i>	see <i>Crepis</i>				
<i>Heartsease</i>	see <i>Viola</i>				
<i>Hedysarum coronarium*</i>	<i>French Honeysuckle</i>	thB	r.	3	5
— <i>album</i>	<i>White</i> do.	..	w.	..	5
<i>Helenium Douglasii</i>	<i>Sneeze Wort</i>	hA	y.	2	10
<i>Helianthus annuus</i>	<i>Tall Sunflower</i>	..	..	8	5
— <i>argophillus</i>	<i>Tezian</i> do.	..	..	6	5
— <i>giganteus</i>	<i>Californian</i> do.	..	..	..	5
— <i>nanus</i>	<i>Double Dwarf</i> do.	..	..	2	5
<i>Heliophila araboides</i>	<i>Arabian Heliophila</i>	hhA	b.	¾	10
dissecta	<i>Dissected</i> do.	..	l. b.	1	10
stricta	<i>Erect</i> do.	..	b.	..	10
trifida	<i>Trifid</i> do.	..	p.	2	10
<i>Heliotropium grandiflorum</i>	<i>Great-flowering Heliotrope</i>	gP	li.	..	10
peruvianum	<i>Peruvian</i> do.	..	..	..	10
Triumph de Liege		..	..	..	25

Scientific names in Roman.

Common names in *Italics*.New and choice sorts in **Heavy Faced Type**.

		Duration and Hardiness.	Color.	Height in feet.	Price.
Heliotropium Voltarianum	<i>Voltaire's Heliotrope</i>	gP	v.	2	25
Helleborus foetidus	<i>Christmas Rose</i>	hp	pk.	1	25
<i>Henbane</i>	<i>Hyoscyamus niger</i>	thP	w.&p.	..	5
<i>Hercules' Club</i>	see <i>Cucurbita</i>				
Hesperis matronalis	<i>Sweet Rocket</i>	..	w.&r.	2	5
Hibiscus Africanus	<i>African Hibiscus</i>	hA	ro&br.	1½	5
calisurus	<i>Beautiful do.</i>	..	..	..	5
Humboldtii	<i>Humboldt's do.</i>	..	..	..	5
Richardsonii	<i>Richardson's do.</i>	..	..	..	5
<i>Hollyhock</i>	see <i>Althea</i>				
<i>Honesty</i>	<i>Lunaria Biennis</i>	thB	li.&w.	2	5
<i>Honeysuckle</i>	see <i>Hedysarum</i>				
<i>Horn of Plenty</i>	<i>Fœdia cornucopiæ</i>	hA	r.	1	5
Hovea Celsi	<i>Cel's Hovea</i>	gP	b.	6	25
Humea elegans	<i>Elegant Humea</i>	thhp	r.	..	25
<i>Hyacinth Beans*</i>	see <i>Dolichos</i>				
Hyacinthus orientalis	<i>Hyacinth</i>	hP	div.	1	10
Hymenoës California	<i>Californian Hymenoxis</i>	hhA	y.	..	5
Hyoscyamus niger	<i>Henbane</i>	thP	w.&p.	..	5
Iberis amara	<i>White Candytuft</i>	hA	w.	½	5
coronaria	<i>Rocket do.</i>	..	..	1	5
odorata	<i>Fragrant do.</i>	..	..	..	5
rosea	<i>Rose do.</i>	..	ro.	½	5
speciosa	<i>Crimson do.</i>	..	cr.	..	5
umbellata	<i>Purple do.</i>	..	p.	..	5
— nova	<i>Large Purple do.</i>	..	..	..	5
in vars.	<i>Mixed do.</i>	..	div.	..	5
<i>Ice Plant</i>	see <i>Mesembryanthemum</i>				
<i>Immortal Flower</i>	see <i>Elichrysum</i>				
Impatiens glanduligera	<i>Touch-me-not</i>	tA	r.	2½	5
noli-me-tangere	<i>Yellow do.</i>	..	y.	1	10
<i>Ionopsisidium acaule</i>	<i>Stemless Violet</i>				10
Ipomœa atropurpurea*	<i>Dark Purple Ipomea</i>	hA	d. p.	10	5
barbata*	<i>Brarded do.</i>	tA	p.	..	25
bona nox*	<i>Good Night do.</i>	..	w.	12	10
Burridgei*	<i>Burridge's do.</i>	hA	cr.	10	5
coccinea*	<i>Scarlet (beautiful) do.</i>	..	s.	..	5
Ferrandiniana*	<i>Mr. Ferrand's do.</i>	hhA	..	..	25
ficiifolia*	<i>Fig-leaved do.</i>	gP	p.	6	25
grandiflora*	<i>Great-flowering do.</i>	gA	w.	8	25
Hardingii*	<i>Harding's do.</i>	gP	p.	10	25
Horsfalliae*	<i>Mrs. Horsfall's do.</i>	gA	r.	20	25
limbata*	<i>Bordered (extra) do.</i>	..	v.&w.	4	25
polyanthes*	<i>Auricula do.</i>	tgP	y.	8	25
quamoclit*	<i>Scarlet Cypress Vine</i>	tA	s.	10	5
— alba*	<i>White do. do.</i>	..	w.	..	5
— in vars.*	<i>Mixed do. do.</i>	..	div.	..	5
rubro cœrulea*	<i>Sky Blue Ipomea</i>	..	b.	..	25
tuberosa*	<i>Tuberous do.</i>	gP	var.	..	25
tricolor nova*	<i>New Three-colored do</i>	tA	3.col.	..	25
Wildenovii*	<i>Wildenow's do.</i>	..	p.	..	25
Ipomopsis elegans (Cantua)	<i>Elegant Ipomopsis</i>	tb	s.	1½	5
picta	<i>Painted do.</i>	..	spot.	2	5
aurantiaca	<i>Orange do.</i>	..	o	..	5
superba	<i>Superb do.</i>	..	s.	..	5
Jacob's Ladder	see <i>Polemonium</i>				
Jacoeba	see <i>Senecio</i>				
Job's Tears	<i>Coix lachryma Jobii</i>	hA	b.	..	5

Scientific names in Roman.

Common names in *Italics*.

New and choice sorts in **Heavy Faced Type**.

		Duration and Hardness.	Color.	Height in feet.	Price.
Kaulfussia amelloides	<i>Blue Kaulfussia</i>	hA	b.	1	5
— rosea	<i>Rose</i> <i>do.</i>	..	ro.	..	10
Kennedya Marryattæ*	<i>Marryatt's Kennedia</i>	gP	s.	10	25
in vars.	<i>Fine Mixed</i> <i>do.</i>	..	div.	6	25
<i>Kite Flower</i>	<i>Atropa physaloïdes</i>	hA	p.	1	5
Kochia scoparia	<i>Summer Cypress or Belvd're</i>	..	gn.	2	5
<i>Laburnum</i>	see <i>Citrus</i>				
<i>Larkspur</i>	see <i>Delphinium</i>				
Lasthenia Californica	<i>Californian Lasthenia</i>	..	y.	1	5
Lathyrus albus*	<i>White Sweet Peas</i>	..	w.	4	5
<i>azureus*</i>	<i>Azure Blue</i> <i>do.</i>	..	b.	..	5
<i>coccineus*</i>	<i>Scarlet</i> <i>do.</i>	..	s.	..	5
<i>— striatus*</i>	<i>Striped</i> <i>do.</i>	..	stri.	..	5
<i>latifolius*</i>	<i>Everlasting</i> <i>do.</i>	hP	cr.	8	5
<i>— albus*</i>	<i>White</i> <i>do.</i>	..	w.	..	5
<i>luteus*</i>	<i>Yellow</i> <i>do.</i>	hA	y.	4	5
<i>magellanicus*</i>	<i>Lord Anson's</i> <i>do.</i>	hP	b.	6	5
<i>niger*</i>	<i>Black</i> <i>do.</i>	hA	blk.	4	5
<i>pictus*</i>	<i>Painted Lady</i> <i>do.</i>	..	ptd.	..	5
<i>purpureus*</i>	<i>Purple</i> <i>do.</i>	..	p.	..	5
<i>tingitanus*</i>	<i>Tangier</i> <i>do.</i>	..	cr.	..	5
<i>odoratus</i> in vars.*	<i>Mixed</i> <i>do.</i>	..	div.	..	5
Lavatera trimestris	<i>Red Lavatera</i>	..	r.	2	5
— <i>alba</i>	<i>White</i> <i>do.</i>	..	w.	..	5
Leptosiphon androsaceus	<i>Androsace Letosiphon</i>	..	div.	1	5
— <i>albus</i>	<i>White</i> <i>do.</i>	..	w.	..	5
— <i>lilacinus</i>	<i>Lilac</i> <i>do.</i>	..	li.	..	5
<i>aureus</i>	<i>Orange</i> <i>do.</i>	..	..	..	10
<i>densiflorus</i>	<i>Dense-flowered</i> <i>do.</i>	..	p.	..	5
— <i>albus novus</i>	<i>New White</i> <i>do.</i>	..	w.	1	10
<i>luteus</i>	<i>Yellow</i> <i>do.</i>	..	y.	..	10
Leucceria senecioides	<i>Groundsel Leuceria</i>	..	w.	1	5
Leycesteria formosa	<i>Beautiful Leycesteria</i>	hP	w.&p.	4	10
Liatris spicata	<i>Spiked Liatris</i>	..	p.	..	5
Limnanthus Douglasii	<i>Douglas' Limnanthus</i>	hA	w.&y.	..	5
— <i>alba</i>	<i>White</i> <i>do.</i>	..	w.	..	5
— <i>rosea</i>	<i>Rose-colored</i> <i>do.</i>	..	ro.	..	5
<i>grandiflora</i>	<i>Large-flowered</i> <i>do.</i>	..	w.&y.	..	5
<i>splendens</i>	<i>Splendid</i> <i>do.</i>	..	..	..	5
<i>sulphurea odorata</i>	<i>Sulphur</i> <i>do.</i>	..	sul.	..	10
Linaria triornithophora	<i>Three-birds-bearing Linaria</i>	gP	p.	1	10
Lindheimeria texana	<i>Texian Lindheimeria</i>	hA	y.	2	10
Linum flavum	<i>Yellow Flax</i>	†hhP	..	..	25
<i>grandiflorum album</i>	<i>White</i> <i>do.</i>	†hP	w.	1	10
<i>— Kermesinum</i>	<i>Splendid Crimson</i> <i>do.</i>	hhA	cr.	..	25
<i>Lewisii variegata</i>	<i>New Variegated</i> <i>do.</i>	†hP	1&w.	3	25
perenne	<i>Perennial</i> <i>do.</i>	..	p.	..	5
Lisianthus Russellianus	<i>Bedford's Lisianthus</i>	gA	..	1½	25
Losa aurantiaca or late-					
ritia*	<i>Orange Loasa</i>	†hhP	or.	8	10
<i>contorta*</i>	<i>Twisted</i> <i>do.</i>	..	..	..	10
<i>Herbertii*</i>	<i>Herbert's</i> <i>do.</i>	..	s.	..	10
<i>Pentlandica*</i>	<i>Pentland's</i> <i>do.</i>	..	..	..	10
<i>tricolor*</i>	<i>Three-colored</i> <i>do.</i>	hA	3 col.	2	10
Lobelia <i>campanulata</i>	<i>Bell-flowered Lobelia</i>	†hhP	b.	..	25
<i>cardinalis</i>	<i>Cardinal Flower</i>	†hP	s.	3	5
<i>gracilis*</i>	<i>Graceful Lobelia</i>	tA	b.	trai.	10
— <i>alba*</i>	<i>White</i> <i>do.</i>	..	w.	..	25

Scientific names in Roman.

Common names in *Italics*.New and choice sorts in **Heavy Faced Type**.

			Duration and Hardiness	Color.	Height in feet.	Price.
<i>Lobelia gracilis</i> rosea	<i>Rose Lobelia</i>	tA	ro.	trai.	25	
<i>ramosa</i>	<i>Branching do.</i>	thhP	b.	1	10	
— <i>nana nova</i>	<i>New Dwarf do.</i>	..	..	1	25	
— <i>rosea</i>	<i>Rose do.</i>	..	ro.	1	25	
<i>London Pride</i>	<i>Dianthus deltoides</i>	thP	l. r.	4	5	
<i>Lopesia coronata</i>	<i>Crowned Lopesia</i>	hA	r.	4	10	
<i>racemosa</i>	<i>Red do.</i>	..	..	..	10	
<i>Lophospermum atrosanguineum*</i>	<i>Dark Red Lophospermum</i>	tgP	d. r.	10	10	
<i>erubescens*</i>	<i>Blush do.</i>	..	flesh.	..	10	
<i>Hendersonii*</i>	<i>Henderson's do.</i>	gP	d. ro.	8	10	
<i>Rhodochiton*</i>	<i>Rhodociton's do.</i>	fgP	p.	10	10	
in vars.*	<i>Mixed do.</i>	..	div.	..	10	
<i>Lotus Jacobeus</i>	<i>St. James' Lotus</i>	gA	d. br.	1	10	
<i>tetragonolobus</i>	<i>Winged Peas</i>	hA	y.	..	5	
<i>Love Grass</i>	see <i>Eragrostis</i>					
<i>Love Grove</i>	see <i>Nemophila</i>					
<i>Love-lies-bleeding</i>	see <i>Amaranthus</i>					
<i>Love in a mist</i>	see <i>Nigella</i>					
<i>Lunaria biennis</i>	<i>Honesty or Satin Flower</i>	thB	li.&w.	2	5	
<i>Lupinus affinis</i>	<i>Related Lupins</i>	hA	b.&w.	1	5	
<i>albus</i>	<i>White do.</i>	..	w.	2	5	
<i>bicolor</i>	<i>Two-colored do.</i>	..	b.&w.	..	5	
<i>Californicus</i>	<i>Californian do.</i>	thP	b.	..	5	
<i>guatemalensis</i>	<i>Guatemala do.</i>	..	d. v.	..	5	
<i>Hartwegii</i>	<i>Hartwig's do.</i>	hA	b.&pk.	..	5	
— <i>albus novus</i>	<i>New White do.</i>	..	w.	2	10	
<i>hybridus insignis</i>	<i>Beautiful do.</i>	..	d. r.	..	25	
<i>novus</i>	<i>Superb do.</i>	..	var.	..	25	
<i>hybridus superbus</i>	<i>Large Blue do.</i>	..	b.	..	5	
<i>hirsutus</i>	<i>Yellow do.</i>	..	y.	..	5	
<i>luteus</i>	<i>Straw-colored do.</i>	..	stra.	..	5	
— <i>stramineus</i>	<i>Changeable do.</i>	..	var.	3	5	
<i>mutabilis</i>	<i>Cruikshank's do.</i>	..	..	..	5	
— <i>Cruikshankii</i>	<i>Dwarf do.</i>	..	va. b.	1	5	
<i>nanus</i>	<i>Large Rose do.</i>	..	ro.	2	5	
<i>pilosus</i>	<i>Columbian Blue do.</i>	thP	b.	..	5	
— <i>albus</i>	<i>White do.</i>	..	w.	..	5	
<i>pubescens</i>	<i>French do.</i>	hA	v.	..	5	
<i>rivularis</i>	<i>Spotted do.</i>	thP	spot.	..	5	
<i>tricolor</i>	<i>Three-colored do.</i>	..	3 col.	..	5	
<i>venustus</i>	<i>Beautiful do.</i>	..	l. & w.	..	10	
<i>Lychnis corsica</i>	<i>Corsican Lychnis</i>	..	r.	1	5	
<i>chalconica</i>	<i>Scarlet do.</i>	..	s.	3	5	
— <i>alba</i>	<i>White do.</i>	..	w.	..	5	
<i>flos-Jovis</i>	<i>Jove's Flower</i>	hP	cr.	1½	5	
<i>fulgens</i>	<i>Fiery Lychnis</i>	tP	s.	1	10	
<i>Madagascar Periwinkle</i>	see <i>Vinca</i>					
<i>Madaria corymbosa</i>	<i>Bunch-flowered Madaria</i>	hA	w.	1½	10	
<i>Madea elegans</i>	<i>Elegant Madea</i>	..	y.	2	5	
<i>Maiden Pink</i>	<i>Dianthus deltoides</i>	thP	l. r.	¾	5	
<i>Malampodium macranth'm</i>	<i>Large-flow'd Malampodium</i>	hhA	y.	2	10	
<i>Malcomia maritima</i>	<i>Virginian Stock</i>	hA	li.	¾	5	
— <i>alba</i>	<i>White do.</i>	..	w.	..	5	
<i>Mallow (Marsh)</i>	<i>Malva crispa</i>	..	r.	2	5	
<i>Malope grandiflora</i>	<i>Large-flowered Malope</i>	..	..	..	5	
<i>alba</i>	<i>White do.</i>	..	w.	..	5	

			Duration and Hardiness.	Color.	Height in feet.	Price.
	Scientific names in Roman.					
	Common names in <i>Italics</i> .					
	New and choice sorts in Heavy Faced Type.					
Malva crispa	<i>Marsh Mallow</i>	hA	r.	2	cts.	5
<i>Marigold</i>	see <i>Tagetes</i>					
Martynia angularis	<i>Angular Martynia</i>	hhA	r.	1	5	
<i>craniolaria</i>	<i>White-flowered do.</i>	..	w.	1½	5	
<i>fragrans</i>	<i>Sweet do.</i>	..	d. p.	3	5	
<i>lutea</i>	<i>Yellow do.</i>	..	y.	..	5	
<i>proboscidea</i>	<i>Proboscis Flower</i>	..	l. b.	..	5	
<i>Marvel of Peru</i>	see <i>Mirabilis</i>					
Mathiola annua densiflora	<i>Mix'd Ger. 10wks. Stock Gilli</i>	..	div.	1	10	
— <i>variabilis</i>	<i>Variable German do.</i>	..	..	..	10	
— <i>grandiflora</i>	<i>Large-flowered do. do.</i>	..	..	..	10	
— <i>nana pl. in vars.</i>	<i>German Dwarf do. do.</i>	..	..	½	10	
cherifolia (glabrata)	<i>Wall flower leaved do. do.</i>	..	..	1	5	
— <i>fl. pl.</i>	<i>Finest Ger. do. do. do.</i>	..	..	..	10	
— <i>hybrida nova</i>	<i>New Hybrid do. do. do.</i>	..	w.	..	25	
— <i>alba</i>	<i>White do. do. do.</i>	..	..	..	5	
imperialis pl. var.	<i>Mixed Imperial</i>	t+hP	div.	1½	10	
incana pl. var.	<i>Mixed Queen</i>	t+hB	..	..	5	
— <i>coccinea</i>	<i>Scarlet do.</i>	..	s.	..	5	
intermedia pl. in vars	<i>Intermediate do.</i>	hhA	div.	1½	10	
ramosa pl. in vars.	<i>Mixed English 10 weeks do.</i>	hA	..	..	5	
— <i>alba</i>	<i>White do. do. do.</i>	..	w.	..	5	
— <i>coccinea</i>	<i>Scarlet do. do. do.</i>	..	s.	..	5	
— <i>purpurea</i>	<i>Purple do. do. do.</i>	..	p.	..	5	
semplicalulis alba	<i>White Brompton do. do.</i>	t+hB	w.	..	5	
— <i>coccinea</i>	<i>Scarlet do. do.</i>	..	s.	..	5	
— <i>purpurea</i>	<i>Purple do. do.</i>	..	p.	..	5	
— <i>in vars.</i>	<i>Mixed do. do.</i>	..	div.	..	5	
— — —	<i>Finest Mixed Winter do.</i>	..	..	..	10	
Maurandia antirrhiniflora*	<i>Snapdragon Maurandia</i>	t+gP	p.	6	10	
<i>Barclayana*</i>	<i>Barclay's do.</i>	..	b & w	..	10	
— <i>alba*</i>	<i>White do. do.</i>	..	w.	..	25	
— <i>rosea*</i>	<i>Rose do. do.</i>	..	ro.	..	10	
— <i>coccinea*</i>	<i>Scarlet do. do.</i>	..	s.	..	10	
<i>semperflorens*</i>	<i>Ever-flowering do.</i>	..	li.	..	10	
<i>in vars.</i>	<i>Mixed do. do.</i>	..	div.	..	10	
Mesembryanthemum chrysanthinum	<i>Ice Plant</i>	tA	w.	½	5	
<i>glabrum</i>	<i>Red do. or Dew Plant</i>	..	r.	..	5	
<i>tricolorum</i>	<i>Three colored do.</i>	..	3 col.	..	5	
— <i>album</i>	<i>White do.</i>	..	w.	½	10	
<i>Mexican Poppy</i>	<i>Argemone grandiflora</i>	hA	y.	2	5	
<i>Mignonette</i>	see <i>Reseda</i>					
Mimosa marginata	<i>Bordered Mimosa</i>	t+gP	pk.	3	10	
<i>sensitiva</i>	<i>Sensitive Plant</i>	..	..	1	5	
Mimulus cardinalis	<i>Monkey Flower</i>	..	s.	1½	10	
<i>moschatus</i>	<i>Musk Plant</i>	..	y.	½	10	
<i>pl. fl. in vars.</i>	<i>Mixed Mimulus</i>	..	div.	div.	10	
Mirabilis jalapa	<i>Marvel of Peru</i>	hA	..	2	5	
<i>longiflora</i>	<i>Long Tubed do.</i>	..	w.	..	5	
— <i>hybrida nova</i>	<i>New Hybrid do.</i>	..	div.	..	10	
<i>Mock Orange</i>	see <i>Curcurbita</i>					
Monordica Balsamina*	<i>Balsam Apple</i>	hhA	y.	10	5	
<i>charantia*</i>	<i>Balsam Pear</i>	..	..	..	5	
<i>elatericum*</i>	<i>Squirting Cucumber</i>	..	..	trai.	5	
<i>Monkey Flower</i>	<i>Mimulus Cardinalis</i>	gP	s.	1½	10	
<i>Monkshood</i>	see <i>Aconitum</i>					
Monolopia Californica	<i>Cal. Monolopia</i>	hA			10	

Scientific names in Roman.

Common names in *Italics*.New and choice sorts in **Heavy Faced Type**.

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					CTS.
<i>Morning Glory*</i>	see <i>Convolvulus</i>				
<i>Mourning Bride</i>	see <i>Scabiosa</i>				
<i>Musk Plant</i>	<i>Mimulus Moschatus</i>	gP	y.	1	10
<i>Myosotis alpestris</i>	<i>Alpine Forget-me-not</i>	fhP	b.	trai.	10
— <i>alba</i>	White do.	fhP	w.	1	10
<i>arvensis</i>	<i>Field</i> do.	..	..	..	10
<i>azorica</i>	<i>Azorean</i> do.	..	d. b.	..	10
<i>palustris</i>	<i>True</i> do.	..	b.&w.	1	10
— <i>azurea major</i>	<i>Large Blue</i> do.	..	az.	..	25
<i>Myrtus angustifolius</i>	<i>Narrow-leaved Myrtle</i>	gP	w.	3	10
<i>communis</i>	<i>Broad</i> do. do.	..	..	..	10
<i>Nasturtium*</i>	see <i>Tropaeolum</i>				
<i>Nemesia floribunda</i>	<i>Bunch-flowered Nemesia</i>	tA	w.&y.	1	10
<i>compacta</i>	<i>Beautiful</i> do.	..	var.	..	25
<i>Nemophila atomaria</i>	<i>White Spotted Love Grove</i>	..	w. sp.	1	5
— <i>cælestris</i>	<i>Blue</i> do. do.	..	b. sp.	..	5
<i>aurita</i>	<i>Ear-leaved</i> do.	..	p.	1	5
<i>discoidalis</i>	<i>Margined</i> do.	..	blk.	1	5
<i>insignis</i>	<i>Beautiful</i> do.	..	b.	..	5
— <i>alba</i>	<i>White</i> do.	..	w.	..	5
<i>grandiflora</i>	<i>Great-flowered</i> do.	..	b.	..	5
— <i>striata</i>	<i>Striped</i> do.	..	stri.	..	5
<i>maculata</i>	<i>Showy</i> do.	..	spot.	..	5
<i>oculata alba</i>	<i>Purple-eyed</i> do.	..	w. & p.	1	5
<i>punctata</i>	<i>Spotted</i> do.	..	spot.	1	5
in vars.	<i>Mixed</i> do.	..	div.	..	5
<i>Nerium Oleander</i>	<i>Oleander</i>	gP	ro.	4	10
<i>Nierembergia Blockii</i>	<i>Block's Nierembergia</i>	..	div.	1	25
<i>intermedia</i>	<i>Intermediate</i> do.	..	..	..	25
<i>gracilis</i>	<i>Graceful</i> do.	..	w. & l	1	25
<i>Nigella damascena</i>	<i>Love-in-a-Mist</i>	hA	b.	1	5
— <i>nana</i>	<i>Dwarf</i> do.	..	..	1	5
<i>Hispanica</i>	<i>Spanish</i> do.	..	..	1	5
<i>Nolana atriplicifolia</i>	<i>Spinach Nolana</i>	..	bw&y	..	5
— <i>alba</i>	<i>White</i> do.	..	w.	..	5
prostrata	<i>Procumbent</i> do.	..	b.	trai.	5
<i>Nonea rosea</i>	<i>Rose Nonca</i>	..	ro.	1	10
<i>Nycterenia selaginoides</i>	<i>Selago Nycterenia</i>	fhP	pk.	1	10
<i>Obeliscaria pulcherrima</i>	<i>Beautiful Obeliscaria</i>	fhP	r. & y.	3	25
<i>(Enothera) Drummondii</i>	<i>Drummond's Eve. Primrose</i>	tP	y.	1	5
<i>grandiflora</i>	<i>Great-flowering</i> do. do.	fhP	..	2	5
<i>Lindleyana</i>	<i>Lindley's</i> do. do.	tA	p.	1	5
<i>macrocarpa</i>	<i>Fruited</i> do. do.	fhP	y.	2	5
<i>nocturna</i>	<i>Night</i> do. do.	tA	w.	1	5
<i>purpurea</i>	<i>Purple</i> do. do.	..	p.	..	5
<i>Romanzovii</i>	<i>Romansow's</i> do. do.	hA	..	..	5
<i>rosea</i>	<i>Rose</i> do. do.	fhP	ro.	..	5
— <i>alba</i>	<i>Rose and White</i> do. do.	..	ro&w.	..	5
— <i>pura</i>	<i>Pure White</i> do. do.	hA	w.	..	10
<i>tenella</i>	<i>Slender</i> do. do.	..	p.	..	5
<i>tetraptera</i>	<i>Winged</i> do. do.	..	w.	..	5
<i>Willdenovii</i>	<i>Willdenoves</i> do. do.	..	..	..	5
in vars.	<i>Mixed</i> do. do.	..	div.	..	5
<i>Oleander</i>	<i>Nerium</i>	gP	ro	4	10
<i>Orobus hirsutus</i>	<i>Hairy Orobus</i>	fhP	b.	1	10
<i>Oxyura chrysanthemooides</i>	<i>Artemesia Oxyrrura</i>	hA	y.	1	5
<i>Paeonia Moutan</i>	<i>Chinese Tree Pæony</i>	hS	p.	3	25
— <i>papaveracea</i>	<i>Poppy-like</i> do.	..	w.	..	25

Scientific names in Roman.

Common names in *Italics*.New and choice sorts in **Heavy Faced Type**.

		Duration and Hardiness.	Color.	Height in feet.	Price.
Pæonia — rosea	<i>Rose-colored Pæony</i>	hS	pk.	3	25
Palafoxia texana	<i>Texan Palafoxia</i>	hhA	r.	2	10
<i>Pansy</i>	see <i>Viola Tricolor</i>				
Papaver album fl. pl.	<i>White Double Poppy</i>	hA	w.	1	5
bichon	<i>Lap Dog</i> do.	..	va.	..	5
bracteatum	<i>Bracteate</i> do.	†hP	r.	2	5
coccineum	<i>Scarlet</i> do.	hA	s.	1	5
fimbriatum	<i>Fringed</i> do.	..	div.	..	5
hybridum, in vars.	<i>Fine Hybrid</i> do.	..	..	..	5
orientale	<i>Eastern</i> do.	hP	r. & w.	2	5
pæonieflorum	<i>Pæony-flowered</i> do.	hA	div.	1	5
pulcherrimum	<i>Most Beautiful</i> do.	hP	r.	3	10
superbum, in vars.	<i>Superb</i> do.	hA	div.	..	5
sonniferum, in vars.	<i>Mixed German</i> do.	..	..	1½	5
Passiflora edulis*	<i>Fruited Passion Flower</i>	gP	b.	10	10
in vars.	<i>Mixed</i> do.	..	div.	..	10
<i>Pasque Flower</i>	see <i>Passiflora</i>	hP	v.	1½	5
<i>Passion Flower*</i>	see <i>Lathyrus</i>				
<i>Peas (Sweet)</i>					
Pelargonium album	<i>White Geranium</i>	gP	w.	..	25
lateripes	<i>Ivy-leaved</i> do.	..	..	..	25
nanum	<i>Dwarf (Tom Thumb, &c.)</i>	..	s.	1½	25
hybridum in vars.	<i>Finest Mixed Geranium</i>	..	div.	1½	25
Pennisetum villosum	<i>Ornamental Grass</i>	hA	ap.	2	5
Pentstemon (Chelone) cam-					
panulatum	<i>Bell-flowered Pentstemon</i>	†hP	div.	..	10
digitalis	<i>Fox Glove</i> do.	..	va.	..	10
pulchella pl. in vars.	<i>Pretty Mixed</i> do.	..	div.	..	10
roseum	<i>Rose</i> do.	..	ro.	..	10
speciosum	<i>Showy</i> do.	..	l. b.	..	10
in vars.	<i>Fine Mixed</i> do.	..	div.	div.	10
<i>Perennial Flax</i>	<i>Linum perenne</i>	..	p.	2	5
<i>Periwinkle</i>	see <i>Vinca</i>				
Perilla nankinensis	<i>Nankin Perilla</i>	hhA	p.	1½	10
<i>Persicaria</i>	see <i>Polygonum</i>				
Petunia nyctaginiflora	<i>Large-flowering Petunia</i>	†hhP	w.	..	5
phœnicia	<i>Purple</i> do.	..	p.	..	5
viridicincta	<i>Green Bordered</i> do.	..	div.	..	25
in vars.	<i>Mixed</i> do.	..	..	..	5
—	<i>Finest Mixed</i> do.	..	..	..	25
Phacelia Californica	<i>Californian Phacelia</i>				
Phaseolus multiflorus*	<i>Scarlet Running Beans</i>	hA	s.	12	5
— albus	<i>White</i> do.	..	w.	..	5
<i>Picotee</i>	see <i>Dianthus</i>				
Phlox Drummondii	<i>Drummond's Phlox</i>	hhA	div.	1	5
— alba	<i>White</i> do.	..	w.	1½	10
— Leopoldina	<i>Leopold's</i> do.	..	cr&w.	1	10
— Napoleon	<i>Napoleon's</i> do.	..	r.	..	10
— oculata	<i>Pink Eyed</i> do.	..	w. & l.	..	10
— Queen Victoria	<i>Victoria</i> do.	..	p. & w.	..	10
hybrida superba	<i>Hybrid Perennial</i> do.	†hP	div.	2	25
<i>Pimpernel</i>	see <i>Anagallis</i>				
<i>Pink</i>	see <i>Dianthus</i>				
Platystemon Californicus	<i>Californian Poppy</i>	hA	y.	1	10
Podolepsis chrysantha*	<i>Yellow Podolepsis</i>	hhA	..	..	5
gracilis*	<i>Graceful</i> do.	..	pk.	..	5
Podotheca capitata	<i>Head Podotheca</i>	..	..	1½	10
Poetic Daisy	<i>Bellis perennis</i>	†hP	div.	½	10

Scientific names in Roman.

Common names in *Italics*.New and choice sorts in **Heavy Faced Type**.

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Polemonium cœruleum	<i>Jacob's Ladder</i>	hP	b.	1	5
— album	<i>White</i> do.	..	w.	..	5
<i>Polyanthus</i>	see <i>Primula elat' r polyantha</i>				
Polygonum orientale	<i>Persicaria</i>	hA	r.	3	5
— album	<i>White</i> do.	..	w.	..	5
<i>Pomegranate Melon*</i>	<i>Cucumis odoratissimus</i>	tA	y.	trai.	5
<i>Poppy</i>	see <i>Papaver</i>				
Portulaca albiflora	<i>Pure White Portulaca</i>	hA	w.	1	5
alba striata	<i>White Striped</i> do.	..	stri.	..	5
<i>aurantiaca</i>	<i>New Orange</i> do.	..	o.	..	10
<i>caryophilloides</i>	<i>New Striped</i> do.	..	stri.	..	10
rosea	<i>Rose</i> do.	..	ro.	..	5
splendens	<i>Purple</i> do.	..	p.	..	5
Thellusonii	<i>Scarlet</i> do.	..	s.	..	5
Thorburnii	<i>Yellow</i> do.	..	y.	..	5
in vars.	<i>Mixed</i> do.	..	div.	..	5
Potentilla alba	<i>White Potentilla</i>	thP	w.	..	10
atrosanguinea	<i>Dark Crimson</i> do.	..	cr.	1½	10
in vars.	<i>Fine Mixed</i> do.	..	div.	div.	10
<i>Primrose</i>	see <i>Primula</i> and <i>Œnothera</i>				
Primula auricula	<i>Auricula</i>	tP	..	1	10
— (fine)	<i>Finest</i> do.	..	..	..	25
cortusoides	<i>Cortusia Primula</i>	thP	ro.	..	10
elatior polyantha	<i>Polyanthus</i>	tP	div.	1	10
— (fine)	<i>Finest</i> do.	..	..	..	25
sinensis (prænitens)	<i>Chinese Primrose</i>	tgP	p.	..	25
— alba	<i>White</i> do. do.	..	w.	..	25
— in vars.	<i>Mixed</i> do. do.	..	div.	..	25
— fimbriatus	<i>Fringed</i> do. do.	..	..	..	25
— — alba	<i>White</i> do. do. do.	..	w	..	25
— — rosea	<i>Rose-colored</i> do. do. do.	..	ro.	..	25
— — grandiflora	<i>Large</i> do. do. do.	..	div.	..	50
— — marginata	<i>Bordered</i> do. do. do.	..	bor.	..	50
veris	<i>Cowslip</i>	tp	..	..	10
vulgaris	<i>Poetic Primrose</i>	..	y.	..	5
<i>Prince's Feather</i>	<i>Amaranthus hypoc'nd'iacus</i>	hA	cr.	3	5
Prismatocarpus	see <i>Campanula speculum</i>				
<i>Proboscis Flower</i>	see <i>Martynia</i>				
<i>Pyramidal Bell Flower</i>	<i>Campanula pyramidalis</i>	hP	l. b.	4	10
<i>Quaking Grass</i>	<i>Briza Maxima</i>	hA	gn.	1½	5
Reseda alba	<i>Upright Mignonette</i>	..	w.	..	5
odorata major	<i>New Large-flowered</i> do.	..	bff.	1½	5
odorata	<i>Sweet</i> do.	..	w&bff.	..	5
<i>Rodanthe Manglessii</i>	<i>Mangle's Rodanthe</i>	tA	ro.	1	10
<i>Rhyncanthera insignis</i>	<i>New Rhyncanthera</i>	gS	v.	3	50
<i>Rose of Heaven</i>	see <i>Viscaria</i>				
<i>Rose Campion</i>	see <i>Agrostemma</i>				
Rudbeckia in vars.	<i>Mixed Rudbeckia</i>	thP	div.	3	10
<i>Sabbatia campestris</i>	<i>Beautiful Sabbatia</i>	hhA	ro.&y.	1	25
<i>Sage</i>	see <i>Salvia</i>				
<i>Saffron</i>	<i>Carthamus tinctoria</i>	hA	o.	2	5
Salpiglossis sinuata	<i>Fine Mixed Salpiglossis</i>	hhA	div.	1	10
— atrococcinea	<i>New Scarlet</i> do.	..	s.	..	25
— azurea	<i>Azure</i> do.	..	b.	..	10
— coccinea	<i>Scarlet</i> do.	..	..	..	10
— sulphurea	<i>Sulphur</i> do.	..	sul.	..	10
<i>Salvia amabilis</i>	<i>Beautiful Salvia</i>	tP	b.	..	50
argentea	<i>Silvery</i> do.	thP	w.	3	10

Scientific names in Roman.

Common names in *Italics*.New and choice sorts in **Heavy Faced Type**.

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<i>Salvia</i> bracteata	<i>Long-bracted Salvia</i>	hP	p.	3	10	
coccinea	<i>Scarlet</i> do.	hhA	s.	2	10	
— <i>superba</i>	<i>Superb</i> do.	..	..	..	25
hominum	<i>Purple Clary</i>	hA	p.	1	5	
— <i>rubra</i>	<i>Red</i> do.	..	r.	..	5	
patens	<i>Splendid Blue Salvia</i>	†P	b.	3	25	
— <i>alba</i>	<i>White</i> do.	..	w.	..	50	
<i>Rœmeriana</i>	<i>Dwarf Crimson</i> do.	hhA	cr.	½	25	
splendens	<i>Splendid</i> do.	†hhP	s.	3	25	
<i>Sanvitalia procumbens</i>	<i>Trailing Sanvitalia</i>	hA	y.	trai.	5	
<i>Saponaria calabrica</i>	<i>Soap-wort</i>	..	r.	½	10	
<i>Satin Flower</i>	<i>Lunaria biennis</i>	†hB	li.&w.	2	5	
<i>Scabiosa atropurpurea</i>	<i>Mourning Bride</i>	†hP	p.	..	5	
stellata	<i>Starry Scabious</i>	..	b.	..	5	
variegata	<i>Variegated</i> do.	..	var.	..	5	
fl. pl. in vars.	<i>Finesi Mixed</i> do.	..	div.	..	10	
<i>Schizanthus gracilis</i>	<i>Lilac Schizanthus</i>	hhA	li.	1½	5	
Grahamii	<i>Graham's</i> do.	..	s. & o.	2	10	
Hookerii	<i>Hooker's</i> do.	..	va.	..	10	
humilis	<i>Dwarf</i> do.	..	li.&cr.	1	5	
pinnatus	<i>Wing Leaved</i> do.	..	l. p. y.	1½	5	
pulchellus	<i>Pretty</i> do.	..	w & p	2	5	
retusus	<i>Blunt Leaved</i> do.	..	r.&o.	..	10	
— <i>albus</i>	<i>White</i> do.	..	w.	..	10	
porrigens	<i>Showy</i> do.	..	va.	..	5	
Priestii	<i>Priest's</i> do.	..	w.	..	5	
splendens	<i>Splendid</i> do.	..	ro.	..	5	
venustus	<i>Beautiful</i> do.	..	d.p.y.	..	5	
in vars.	<i>Mixed</i> do.	..	div.	..	5	
<i>Schizopetalon Walke-</i>		..				
rii			w.	4½	10	
<i>Scorzonera tingitana</i>	<i>Tangier Scorzonera</i>	hA	b.	..	5	
<i>Scotch Broom</i>	<i>Citrus scoparius</i>	hP	y.	3	5	
<i>Sedum cœruleum</i>	<i>Stone Crop</i>	tA	b.	½	10	
<i>Senecio elegans albus</i>	<i>White Jacobæa</i>	hA	w.	1	5	
— <i>Kermesinus</i>	<i>Double Crimson</i> do.	..	cr.	..	5	
— <i>purpureus</i>	<i>Double Purple</i> do.	..	p.	..	5	
— <i>roseus</i>	<i>Double Rose</i> do.	..	ro.	..	5	
— <i>violaceus</i>	<i>Double Violet</i> do.	..	v.	..	5	
— in vars.	<i>Double Mixed</i> do.	..	div.	..	5	
<i>Sensitive Plant</i>	<i>Mimosa sensitiva</i>	†P	p.	..	5	
<i>Shortia Californica</i>	<i>California Shortia</i>	hA	y.	..	5	
<i>Silene armeria</i>	<i>Lobel's Catchfly</i>	..	r. & w.	..	5	
fimbriata	<i>Fringed</i> do.	†hB	w.	1½	10	
regia	<i>Royal</i> do.	†hP	s.	1	10	
Schafta	<i>Schaft's</i> do.	..	ro.	..	10	
<i>Snapdragon</i>	see <i>Antirrhinum</i>					
<i>Solanum ovigerum</i>	<i>White Egg Plant</i>	tA	fr. w.	1	5	
<i>Sophora australis</i>	<i>Blue Sophora</i>	hP	b.	..	5	
<i>Sphenogyne speciosa</i>	<i>Showy Sphenogyne</i>	hhA	y.	..	5	
<i>Spiraea lobata superba</i>	<i>Superb Spiraea</i>	†hP	r.&w.	2	10	
Lindleyana	<i>Lindley's</i> do.	..	w.	..	10	
<i>Stachys</i> in vars.	<i>Mixed Stachys</i>	..	div.	..	10	
<i>Statice besseriana</i>	<i>New Statice</i>	..			25	
pseudo armeria	<i>Beautiful</i> do.	..	p.k.	1	10	
<i>Stenactis Bellidifolia</i>	<i>Daisy-leaved Stenactis</i>	..			10	
speciosa	<i>Showy</i> do.	..	p.	2	5	
<i>Stevia purpurea</i>	<i>Purple Stevia</i>	†P	..	3	5	

Scientific names in Roman.

Common names in *Italics*.New and choice sorts in **Heavy Faced Type**.

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Stevia serrata	<i>Vanilla Scented Stevia</i>	†tP	w.	3	cts. 5
Stipa pinnata	<i>Feather Grass</i>	†hP	ap.	2	5
<i>Stock Gilli</i>	see <i>Mathiola</i>				
<i>Stone Crop</i>	<i>Sedum cæruleum</i>	tA	b.	‡	10
<i>Strawberry Blight</i>	<i>Blitum capitatum</i>	hA	gn.	1	5
<i>Sun Flower</i>	see <i>Helianthus</i>				
Streptocarpus Rexii	<i>King's Streptocarpus</i>	†gP	b.	‡	10
Sutherlandia futescens	<i>Scarlet Sutherlandia</i>	tP	s.	3	10
grandiflora	<i>Large-flowered do.</i>	..	y.	..	10
<i>Sweet Alyssum</i>	<i>Alyssum maritimum</i>	hA	w.	‡	5
<i>Sweet Peas</i>	see <i>Lathyrus</i>				
<i>Sweet Rocket</i>	see <i>Hesperis</i>				
<i>Sweet Sultan</i>	see <i>Centaurea</i>				
<i>Sweet William</i>	see <i>Dianthus</i>				
Tagetes erecta citrina	<i>African Marigold</i>	..	lem.	2	5
— aurantiaca	<i>Orange Quilled do.</i>	..	o.	..	5
lucida	<i>Chili do.</i>	†tP	y.	1	5
patula	<i>French do.</i>	hA	br.	2	5
— striata	<i>Striped Ranunculus do.</i>	..	stri.	1½	5
— nanissima	<i>Pigmy do.</i>	..	br.	‡	5
<i>Tassel Flower</i>	see <i>Cacalia</i>				
Thunbergia alata*	<i>Winged Thunbergia</i>	†hhP	y. & d.	5	5
— alba*	<i>White do.</i>	..	w.	..	5
— aurantiaca*	<i>Orange do.</i>	..	or.	..	5
Bakeri*	<i>Baker's do.</i>	..	w.	..	5
mesoleuca*	<i>White Centered do.</i>	..	or.&w.	..	5
sulphurea*	<i>Sulphur do.</i>	..	sul.	..	5
in vars.*	<i>Mixed do.</i>	..	div.	..	5
<i>Touch-me-not</i>	see <i>Impatiens</i>				
<i>Tobacco</i>	see <i>Nicotiana</i>				
Torenia scabra	<i>Rough Torenia</i>	†gP	b.	3	25
Trachelium cæruleum	<i>Blue Trachelium</i>	†hB	..	2	10
<i>Traveller's Joy*</i>	<i>Clematis vitalba</i>	hP	w.	15	5
Trifolium incarnatum	<i>Scarlet Trefoil</i>	..	s.	2	5
luteum	<i>Yellow do.</i>	..	y.	..	5
odoratum	<i>Sweet-scented do.</i>	..	w.	..	5
Tropæolum brachyceras*	<i>Short-horned do.</i>	gP	y.	4	25
Jarrattii*	<i>Jarratt's do.</i>	..	s. & y.	..	25
Lobbianum*	<i>Lobb's do.</i>	..	o.	..	25
majus*	<i>Tall Nasturtium</i>	hA	..	5	5
— atrosanguinea*	<i>Blood-colored do.</i>	..	d. r.	..	5
— Scheuermannianum	<i>Scheurmann's do.</i>	..	spot.	..	10
minus	<i>Dwarf do.</i>	..	s.	1	5
minus coccineum	<i>New Dwarf Scarlet do.</i>	..	..	..	10
Moritzianum*	<i>Moritz's Tropæolum</i>	tP	s. & y.	4	25
— ornatum	<i>Ornate do.</i>	..	..	..	25
pentaphyllum*	<i>Five-leaved do.</i>	..	o.&y.	..	25
peregrinum*	<i>Canary Bird Flower</i>	hhA	y.	6	5
speciosum*	<i>Showy Tropæolum</i>	†tP	s.	..	25
tricolorum*	<i>Three-colored do.</i>	..	o.&p.	..	25
<i>Trumpet Creeper</i>	<i>Bignonia radicans</i>	hP	s.	20	5
Valeriana alba	<i>Garden Valerian</i>	..	w.	..	5
rubra	<i>Red do.</i>	..	r.	..	5
<i>Venus' Looking Glass</i>	see <i>Campanula speculum</i>				
Venidium calendulaceum	<i>Marigold Venidium</i>	hhA	o.	2	10
Verbena in vars.	<i>Mixed Verbena</i>	hhP	div.	trai.	5
—	<i>Finest Mixed do.</i>	..	..	..	25
Veronica elegans	<i>Elegant Veronica</i>	†hP	pk.	1½	10

Scientific names in Roman.

Common names in *Italics*.New and choice sorts in **Heavy Faced Type**.

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Veronica Lindleyana	<i>Lindley's Veronica</i>	gP	w.	3	10
speciosa	<i>Showy</i> do.	..	p.	..	10
Virginian Stock	see <i>Malcomia</i>				
Vinca rosea	<i>Madagascar Periwinkle</i>	tP	ro.	1	10
alba	<i>White</i> do.	..	w.	..	10
Viola odorata	<i>Sweet Violet</i>	tp	..	..	10
— tricolor in vars.	<i>Blue</i> do.	..	b.	..	25
— <i>hybrida</i>	<i>Heartsease or Pansy</i>	..	div.	1	5
— <i>marginata</i>	<i>Finest Hybrid</i> do.	..	..	..	25
— <i>variegata</i>	<i>Edged</i> do.	..	p.&w.	..	25
<i>Virgins' Bower*</i>	<i>Variegated</i> do.	..	var.	..	25
Viscaria Cœli rosea	<i>Clematis flammula</i>	hP	w.	15	5
oculata	<i>Rose of Heaven</i>	hA	flesh.	1	5
— alba	<i>Dark Eyed</i> do.	..	ro.	..	5
— nana	<i>White</i> do. do.	..	w.	..	5
— rubra	<i>Dwarf</i> do. do.	..	ro.	1	5
<i>Wall Flower</i>	<i>Red</i> do. do.	..	r.	1	5
	see <i>Cheiranthus</i>				
Whitavia grandiflora	<i>Large-flowered Whitavia</i>	hhA	b.	..	10
Wind Flower	<i>Anemone coronaria</i>	thP	div.	..	5
Xeranthemum annuum	<i>Purple Eternal Flower</i>	hA	p.	2	5
— <i>album</i>	<i>White Xeranthemum</i>	..	ro.	..	5
Zauschneria Californica	<i>Californian Zauschneria</i>	thhP	s.	1½	25
Zinnia elegans	<i>Elegant Zinnia</i>	hhA	v.	3	5
— <i>coccinea</i>	<i>Scarlet</i> do.	..	s.	..	5
— <i>flava</i>	<i>Yellow</i> do.	..	y.	..	5
— <i>purpurea</i>	<i>Purple</i> do.	..	p.	..	5
— in vars.	<i>Mixed</i> do.	..	div.	..	5
— — —	<i>Fine Mixed German</i> do.	..	..	..	10

Notice!

The following List of Seeds we would particularly recommend to our friends, as being either desirable *new* varieties or old-established favorites :

- ACROCLINIUM ROSEUM**, beautiful Everlasting Rhodanthe-like Flower..... 25 cts.
- ALONSOA WARSCEWICZII**, new and splendid bright crimson Annual, suitable for pots or the open ground 25 cts.
- ASTER PÆONIÆFLORUS**, beautiful French mixed Pæony-flowered Asters 10 cts.
- CLARKIA PULCHELLA MARGINATA**, new and superb, the petals of rosy crimson, margined with pure white, admirably adapted for bedding and for flowering in pots 25 cts.
- CASSIA CORYMBOSA**, beautiful Green House Shrub 25 cts.
- DATURA METELLOIDES**, new and splendid hardy Annual, white and blue 25 cts.

ESCHSCHOLTZIA TENUIFOLIA, hardy, very dwarf and compact in habit, clear straw-color, admirably suited for edging.....10 cts.

IPOMCEA TRICOLOR NOVA, we take pleasure in offering for the first time seed of this great acquisition, raised by Messrs. Graef & Son, of Brooklyn, L. I.; it is a large sized smooth flower of pure white ground, with stripes of beautiful blue, of varying widths, alternating with crimson purple, may be started in pots in March, or sown in the open ground when the weather becomes warm.....25 cts.

IPOMCEA LIMBATA, we have succeeded in securing a good supply of this extra fine Ipomœa.....25 cts.

LINUM GRANDIFLORUM KERMESINUM, rich deep crimson, 25 cts.

As great difficulty has frequently been experienced in raising plants from seed of this most beautiful and first class Annual, we give the following mode of treatment translated from the "Journal Général d'Horticulture :"

"About the middle of March sow the seed in a seed-pan, filled with good compost earth, diluted to the consistency of mud, care being taken that the seeds are scarcely covered; in 5 or 6 days germination will take place; when the plant exhibits a few leaves, transplant into pots or boxes at the distance of two inches apart; place in a moderate temperature and decrease the amount of watering; by the beginning of May transplant into any warm situation."

The following method is also very effectual: Soak the seeds in lukewarm water until there is a slight glutinous exudation, which should be carefully wiped off, and the seeds then sown in the ordinary manner in the open border when the weather becomes warm and settled.

LINUM LEWISII VARIEGATA, beautiful blue and white hardy Annual,.....25 cts.

PERILLA NANKINENSIS, a remarkable plant, desirable on account of its very ornamental foliage.....10 cts.

PHLOX DRUMMONDII ALBA, OCULATA, LEOPOLDINA, NAPOLEON and QUEEN VICTORIA. These five distinct varieties of Phlox Drummondii we recommend as the most beautiful Annuals of easy culture that adorn the flower bed—no garden should be without them. Each.....10 cts.

PONTULACA CARYOPHYLLOIDES, new carnation, striped, quite distinct, very desirable,.....10 cts.

WHITLAVIA GRANDIFLORA, a beautiful Annual, producing in abundance fine large blue bell-shaped flowers, suitable for pots or borders,.....10 cts.

PRACTICAL DIRECTIONS

FOR THE

Culture and Treatment of Flower Seeds.

J. M. THORBURN & CO.,

15 JOHN STREET, NEW-YORK.

It is pleasing to observe that the taste for the cultivation of flowers is steadily increasing. Almost every one can find leisure to put a few seeds into the ground and afterwards to watch the young plant pushing through the earth ; to observe the bright green stem waxing into strength and throwing out its tender foliage ; to see the delicate and wonderful bud forming and swelling, which is to be the reward of all your assiduity. Any one who has done this for a season, will find the pursuit to possess a species of fascination, which will yield the purest enjoyment. When farther initiated, and become familiar with the beautiful mysteries, it is delightful to steal into the garden, day after day, and trace the gradually expanding bud developing the unknown glory of a new variety. But the whole process of flower cultivation is so innocent, so congenial to health, and leads the mind so naturally to devout contemplation, that we conceive it is unnecessary to urge anything farther in its favor.

Previous to forming a flower garden, the ground should be properly prepared, by being well broken and slightly manured. In the country it should be protected from cold winds by close fences, or plantations of shrubs. Generally speaking a flower garden should not be upon a large scale. In small gardens, where there is not space for picturesque delineations, neatness should be the prevailing characteristic. A variety of forms may be indulged in, provided the figures are graceful and neat, and not complicated. An oval is a form that generally pleases, on account of the continuity of its outlines ; next, if extensive, a circle ; but hearts, diamonds, or triangles, seldom please. A simple parallelogram, divided into beds running lengthwise, or the large segment of an oval, with beds running parallel to its outer margin, will always please.

It is necessary to have suitable implements ready, so that the work may be performed well, and at the proper season ; such as a spade, rake, hoe, trowel, line, and pruning knife. Labels may be made readily of shingles, by splitting them in strips of about an inch wide and five or six inches long, and sharpening them at one end. Paint them with white lead made thin, and mark them with a black lead pencil, before the paint gets dry ; inscriptions written in this way, will be distinguishable as long as the label lasts.

In preparing the accompanying Catalogue every care has been taken to make it as comprehensive as possible, without introducing *names*, for the mere purpose of extending it ; while it is believed nothing desirable, that is suitable for cultivation in our climate has been omitted. Attention has also been paid to the correct classification of the *duration* and *hardiness* in the *third column*, which

will enable the cultivator the better to profit by the following brief rules for the sowing and subsequent care of the different sorts. The description of the height and color in the *fourth* and *fifth* columns will also be found accurate and as comprehensive as the limited space of a Catalogue admits of.

All kinds of *Hardy Annual* Flower Seeds, (h. A. in the *third* column,) may be sown in the months of May and June; the beds should be levelled and the seeds sown either in small patches, each kind by itself, or in drills from an eighth to a half an inch deep. In about a month, more or less, many of them will be fit to transplant. Take advantage of cloudy and rainy weather; move the plants carefully with a trowel, the smaller kinds set in front, the larger in the rear; but if the weather be dry and the sky cloudless, give a little water, and cover them for a few days.

Hardy Annuals will succeed well in a border of natural earth, if sown the first week in May, but they will flower a month earlier, if assisted by glass. If some of the *hardy Annuals* be sown in September, they will become strong enough to survive the winter, if protected with a slight covering of straw or litter; and when transplanted in spring will flower earlier and stronger.

The best method to obtain an early bloom of the *Tender Annuals* (t. A.) and to ensure strength to the plants, is to sow the seed in pots early in March, placing them in a warm green-house window, or plunging them into a moderate hot-bed, carefully protecting them from the cold, shading them from the mid-day sun, and watering them with a finely pierced watering-can. The seed should be sown in very light, sandy compost, and the pots well drained by placing broken earthenware and rough sods in the bottom; the finer seeds must not be planted more than an eighth of an inch deep, and the soil must be pressed down closely over them. Water frequently, particularly if the house or frame is very warm. As soon as the seed leaf is fully developed, transplant into small pots, three or four in each, and when they have acquired sufficient strength, transplant into the flower beds, not, however, before the middle of May.

The *Half Hardy Annuals* (h.h.A.) may be sown and transplanted as above, but must be kept rather cooler. The finer varieties of *German Aster* should be sown in pots towards the end of April, pricked off into smaller pots in June, and afterwards transplanted into the flower borders.

Biennials and *Perennials* may be sown at the same time with the Annuals of the same degree of hardiness, and treated similarly, except such of the *Hardy* kinds as do not blossom the first year; these last may be thinned out or removed from the seed beds as soon as they are well rooted, and planted, either into different parts of the garden or into a nursery bed, in rows, a foot or more apart, keep them clear of weeds by hoeing and stirring the earth occasionally, which will greatly promote their growth, and prepare them for transplanting into the permanent beds, either in the autumn or following spring. *Biennials* are raised principally from seed sown every year. Some *Perennials* and *Biennials* may be sown in September, or as soon as ripe; and if the plants get strong before the setting in of winter, most of them will flower the next summer. In transplanting, take care to preserve some earth to their roots, and tie the tall-growing kinds to neat poles or rods. Remove decayed plants, and replace them with vigorous ones from the nursery bed. Keep all the beds free from weeds, and the walks clean and neat.

Green House varieties should be sown as directed for *Tender Annuals* in pots, pits or boxes, be kept in the house, carefully watched, slightly watered occa-

sionally, and sheltered from the hot sun, till strong enough to transplant; most of these varieties may be sown at any season of the year.

The smaller Seeds of Green House Plants are sometimes difficult to germinate, unless great care is taken in the mode of sowing. Thence the supposition is produced that the seed itself is not good; whereas the fault is not in the seed, but in the treatment. Fine seeds of this description should be sown in leaf mould or peat earth, with some silver sand added to it, which should be pressed firmly down in the seed-pan or pot, and made perfectly level at the top, so that the mould may not afterwards sink materially with watering, and thereby carry down the seed with it to a greater depth than that at which it is sown. Sow the seed very thin, and cover, *very slightly*, with a little of the compost, or with some of the silver sand. By this method the difficulty of succeeding with fine seeds will be removed. As soon as the young plants have two leaves they should be transplanted into similar compost in another pot. To do this, do not *pull* them up out of the seed-pan, but *lift* them with the point of a knife passed under their roots. By that means the young minute roots are taken up without breaking. After transplanting they should be kept in a shady part of the Green House for a few days, until they are established in the new soil.

There are many minute plants, from the finer seeds, killed by drenching them with water whilst very young. One way to avoid this, is to give the water by dipping a clothes' brush in water, (shake off the greatest part of the water from the brush,) and then holding the brush over the seed-pan, draw the hand over the bristles several times, which will cause the water to be thrown on the young plants almost like dew. Whilst in the first stage of their existence, plants require moisture in a minute quantity, often repeated, and not in such large quantities as to saturate the soil in which they are growing.

Seeds of Climbing and Twining Plants are frequently left too long without support; the consequence of which is that the plants remain weak, and never afterwards become strong and healthy. Sweet Peas, Convolvulus, and all similar Seeds, should have their supports given them as soon as they are two inches high, in order that they may not become stinted in their early growth. To have a fine bloom this is of considerable importance.

To avoid failure, Flower Seeds should not be sown in the open borders too early; never in this vicinity before May; more disappointment results from too early sowing than from any other cause.

The following and some others being apt to droop and die if transplanted; should be sown in the borders in the spot where they intend to bloom, viz:

<i>Argemone,</i>	<i>Lupins of sorts,</i>
<i>Candytuft,</i>	<i>Malope,</i>
<i>Catchfly,</i>	<i>Animated Oats,</i>
<i>Dwarf Convolvulus,</i>	<i>Poppies of sorts,</i>
<i>Evening Primrose,</i>	<i>Sweet Basil,</i>
<i>Adonis Flower,</i>	<i>Venus Looking Glass,</i>
<i>Gypsophila,</i>	<i>&c. &c.,</i>

but with these exceptions, most other varieties flower earlier and more strongly by being sown in frames or pots and transplanted; this applies particularly to the finer sorts of *Paris Balsams*, *German Zinnias* and *Asters*. Where, however, it is inconvenient to adopt this latter mode the following is recommended:

Take a dollar package of twenty-five varieties, and number the bags from one to twenty-five; then sow a circle from each bag in the order in which they

are numbered, and insert a short stick in the centre of each circle as a mark. By this method the twenty-five varieties are distributed along the borders in succession, and as each bag will be sufficient for three circles, sixty circles, or three assortments of twenty-five varieties, may be sown in three different aspects of the garden, which will not only give the various flowers the best possible chance with regard to exposure, but show the varieties to the greatest possible advantage. By preserving the bags, the mere novice by referring to the name and number on each, will become acquainted with the different varieties, from the order in which they stand in his garden. This system may be practised to advantage either on a large or small scale, and the young plants be allowed to mature and blossom in groups or bunches as they stand, or may be transplanted wholly or in part as the taste of the cultivator may direct, or the less well filled neighboring border requires.

Some species of Dwarf Annuals, such as *Sweet Alyssum*, *Candytuft*, *Clarkia Pulchella*, *Mignonette*, *Pimpernel*, and such others as grow not over a foot in height, may be cultivated in small beds, either separate or two or three kinds mixed together. *Clarkia Pulchella* suits very well with *Mignonette*, as it will thrive in moderately poor soil, which is the best adapted for that plant when fragrance is an object.

The best way to manage the mixed species, is to level a narrow border of rather poor soil, and sow it all over with *Mignonette*, then with *Clarkia Pulchella*; when the plants are up, both kinds should be thinned out equally, so as to leave the plants from one to two inches apart all over the bed; these when they come into blossom, will form a rich mass, and have a very pretty effect, the bushiness of the *Mignonette* hiding the naked stalks of the *Clarkia*. The *White Alyssum* and *Purple Candytuft* form a pleasing contrast when mixed in equal proportions, and also the *Dwarf Gillia* and *Blue Pimpernel*.

Phlox Drummondii is, perhaps, the most desirable of all annuals to flower alone in the beds, than which nothing can be more beautiful. "Every flower, though of the deepest carmine, has its petals of a pale blush color on the under side, and every petal, though of the palest pink, has a dark carmine spot at its base. Thus the variety of colors displayed in a bed of these flowers, almost exceeds description; and when they are seen under a bright sun, and agitated by a gentle breeze, the effect is extraordinarily brilliant."

Next to this, the *Portulacas* will be found, perhaps, most acceptable for individual beds or borders, either the *purple* and *scarlet* separate, or combined with the newer *white* and *yellow* varieties. *Rocket Larkspurs* too, sown in rows, answer admirably the same purpose; but to have them in perfection, the seed should be sown in the border in September, and the young plants protected through the winter by a slight covering of straw or litter.

Cypress Vine, a universal favorite, frequently fails from being sown too early. In this vicinity it should not be trusted in the open ground much before the first of June, and the seed should be soaked for about half an hour in moderately warm water just before being sown. The seed should be planted about a quarter of an inch deep, and the soil well pressed down, moderately watered, and protected from the sun by a strip of board 4 or 5 inches wide; let the board remain pressing on the soil for about 48 hours, and on being removed the young plants will at once show themselves, and grow strongly.

For the preceding remarks we are mainly indebted to the "Young Gardener's Assistant," by Thomas Bridgeman, a work, which for practical utility, stands pre-eminent.

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